



TITLE:

# 阿蘇火山地震観測表

AUTHOR(S):

林

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CITATION:

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RIGHT:

## 資 料

### 阿 蘇 火 山 地 震 観 測 表

自昭和七年八月一日 至昭和八年十二月三十一日

観 測 者    林

地 震 計 (ウヰーヘルト型) 定 数

|           | 重    錘 | 自 己 振 動 週 期 | 制 動 率 | 倍    率 |
|-----------|--------|-------------|-------|--------|
| 水   平   動 | 1000匁  | 8.0秒        | 4:1   | 225    |
| 上   下   動 | 1300匁  | 4.5秒        | 4:1   | 145    |

初   動     $P_N$ は南北動,  $P_E$ は東西動,  $P_Z$ は上下動の振幅を示し, 単位はミリメートルで記録紙の讀取値, 符號の正が北, 東, 上, を示す。

最大振幅     $M_N, M_E, M_Z$ , は夫々南北, 東西, 上下動, を示し, 振幅は往復の振幅で, 記録紙の讀取値をミリメートルで示す。 $\infty$ なる記號は振幅が大きくて脱針したことを示す。

| 番 號 | 月 日  | 時 分   | 初 動                             |                |                | 最 大 振 幅        |                |                | p ~ 記 事            |                    |     |
|-----|------|-------|---------------------------------|----------------|----------------|----------------|----------------|----------------|--------------------|--------------------|-----|
|     |      |       | P <sub>N</sub>                  | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |                    |                    |     |
| 1   | VIII | 23    | 15 <sup>h</sup> 31 <sup>m</sup> | -0.6           | -0.3           | -1.3           | ∞              | ∞              | 14.2               | 4.3                |     |
| 2   |      | 24    | 0 01                            | -0.2           | -0.3           | +1.2           | 46.0           | ∞              | 9.3                | 2.1                |     |
| 3   |      | 25    | 1 50                            | +0.05          | -0.05          | -0.5           | 2.2            | 2.2            | 1.3                | 1.8                |     |
| 4   |      | 28    | 17 50                           | -0.15          | 0.0            | -0.35          | 8.0            | 8.2            | 3.3                | 4.0                |     |
| 5   |      | 29    | 15 25                           |                |                |                | 0.9            | 1.6            | 0.9                | 1.5 <sub>ca.</sub> |     |
| 6   |      | 30    | 12 23                           |                |                | +0.1           | 1.3            | 2.2            | 0.9                | 1.9                |     |
| 7   |      | 31    | 20 53                           |                |                | +0.3           | 1.3            | 1.1            | 0.7                | 1.4 <sub>ca.</sub> |     |
| 8   | IX   | 2     | 10 25                           |                |                | +0.15          | 1.3            | 1.7            | 0.7                | 2.1                |     |
| 9   |      | 22 57 |                                 |                |                | 3.0            | 3.4            | 1.8            | 1.6                |                    |     |
| 10  |      | 7     | 8 37                            |                |                | +0.1           | 1.3            | 2.0            | 1.1                | 2.0 <sub>ca.</sub> |     |
| 11  |      | 8     | 6 23                            | +0.1           |                | +0.5           | 2.4            | 2.0            | 1.8                | 2.0 <sub>ca.</sub> |     |
| 12  | X    | 3     | 5 00                            | -0.15          | +0.1           | +0.55          | 6.2            | 28.0           | 5.9                | 2.0 <sub>ca.</sub> |     |
| 13  |      | 5     | 10 30                           |                |                |                | 0.9            | 1.7            | 0.5                | 1.0                |     |
| 14  |      | 11    | 9 25                            |                |                |                | 1.0            | 1.5            | 0.6                | 2.0                |     |
| 15  |      |       | 9 52                            |                |                |                | 0.9            | 1.2            | 0.4                | 1.0 <sub>ca.</sub> |     |
| 16  |      | 12    | 4 54                            |                |                |                | 0.9            | 0.6            | 0.7                | 1.0 <sub>ca.</sub> |     |
| 17  |      | 15    | 14 39                           |                |                |                | 1.7            | 1.4            | 0.4                | 3.0 <sub>ca.</sub> |     |
| 18  |      | 17    | 4 54                            |                |                |                | 1.1            | 2.3            | 0.7                | 2.0 <sub>ca.</sub> |     |
| 19  |      | 4 58  |                                 |                | +0.25          | 5.0            | 7.5            | 4.5            | 1.7                |                    |     |
| 20  |      | 14 49 | -0.15                           |                | +0.1           | 1.6            | 1.7            | 0.7            | 4.0                |                    |     |
| 21  |      | 23 12 |                                 |                |                | 1.0            | 2.0            | 1.1            | 3.0 <sub>ca.</sub> |                    |     |
| 22  |      | 18    | 10 34                           |                | +0.1           | -0.2           | 6.6            | 41.0           | 10.0               | 1.8                |     |
| 23  |      |       | 10 35                           |                |                |                | 5.0            | 7.5            | 5.0                | 1.8                |     |
| 24  |      | 22    | 11 04                           |                |                |                | 3.4            | 4.3            | 1.3                | 1.6 <sub>ca.</sub> |     |
| 25  | XI   | 1     | 3 19                            |                | +0.2           | -0.4           | 5.6            | 7.7            | 5.6                | 1.8                |     |
| 26  |      |       | 23 18                           |                |                |                | 2.3            | 3.2            | 1.5                | 3.5                |     |
| 27  |      | 4     | 11 29                           |                |                |                | 2.7            | 2.2            | 0.9                | 2.2 <sub>ca.</sub> |     |
| 28  |      | 14    | 19 44                           | -0.35          | +0.25          | +3.0           | ∞              | ∞              | 14.5               | 1.6                |     |
| 29  | XII  | 13    | 7 40                            | +0.1           | +0.1           | +0.7           | 11.0           | 6.5            | 4.0                | 1.4                |     |
| 30  |      | 25    | 11 35                           |                |                |                | 4.0            | 2.8            | 1.9                | 0.7 <sub>ca.</sub> |     |
| 31  |      |       | 44                              | +9.1           | -2.9           | +13.0          | ∞              | ∞              | ∞                  | 0.7 <sub>ca.</sub> | 有 感 |
| 32  |      |       | 46                              |                |                | +0.2           | 3.5            | 3.2            | 2.0                | 0.7 <sub>ca.</sub> |     |
| 33  |      |       | 18 35                           |                |                | +0.05          | 0.6            | 1.7            | 1.6                | 0.7 <sub>ca.</sub> |     |

| 番 號 | 月 日 | 時 分 | 初 動                             |                |                | 最 大 振 幅        |                |                | p~s                | 記 事                |
|-----|-----|-----|---------------------------------|----------------|----------------|----------------|----------------|----------------|--------------------|--------------------|
|     |     |     | F <sub>N</sub>                  | F <sub>E</sub> | F <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |                    |                    |
| 34  | XII | 25  | 18 <sup>h</sup> 41 <sup>m</sup> |                |                | 1.5            | 1.7            | 0.7            | 0.7 <sub>ca.</sub> |                    |
| 35  |     | 26  | 8 03                            |                |                | 2.5            | 4.0            | 1.2            | 0.6 <sub>ca.</sub> |                    |
| 36  |     |     | 13 06                           | -0.1           | +0.4           | -0.45          | 5.2            | 4.3            | 6.6                | 1.1                |
| 37  |     |     | 14 51                           |                |                | 1.7            | 1.5            | 0.3            |                    |                    |
| 38  |     | 28  | 16 57                           | +0.6           | +2.9           | -3.0           | 17.8           | 56.8           | 8.2                | 1.4                |
| 39  |     | 29  | 3 49                            | -0.0           | +0.3           |                | 2.8            | 1.9            | 0.7                | 1.3 <sub>ca.</sub> |
| 40  |     |     | 4 04                            |                |                | 0.8            | 0.6            | 0.8            |                    |                    |
| 41  |     |     | 04                              |                |                | 1.5            | 1.5            | 1.3            |                    |                    |
| 42  |     |     | 06                              |                |                | 1.5            | 3.3            | 1.6            |                    |                    |
| 43  |     |     | 09                              | -0.35          | -0.8           | +0.9           | 24.0           | 16.0           | 8.6                | 1.2                |
| 44  |     |     | 10                              |                |                | 1.0            | 1.4            | 0.5            |                    |                    |
| 45  |     |     | 11                              |                |                | 4.3            | 2.6            | 1.3            |                    |                    |
| 46  |     |     | 14                              |                | -0.3           | +0.1           | 3.2            | 5.4            | 1.5                | 1.3                |
| 47  |     |     | 18                              |                |                | -0.3           | 2.2            | 5.6            | 1.3                | 1.3                |
| 48  |     |     | 22                              |                |                | 0.5            | 1.3            | 0.5            | 1.3                |                    |
| 49  |     |     | 22                              |                |                | 0.6            | 0.7            | 0.1            |                    |                    |
| 50  |     |     | 23                              |                |                | 0.9            | 1.1            | 0.9            |                    |                    |
| 51  |     |     | 27                              |                |                | 1.0            | 1.0            | 0.7            |                    |                    |
| 52  |     |     | 27                              |                |                | 0.4            | 0.8            | 0.2            |                    |                    |
| 53  |     |     | 30                              |                |                | 0.8            | 1.0            | 0.4            |                    |                    |
| 54  |     |     | 32                              |                |                | 0.5            | 1.0            | 0.6            |                    |                    |
| 55  |     |     | 34                              |                | -0.15          | 2.2            | 5.7            | 1.5            | 1.3                |                    |
| 56  |     |     | 35                              |                |                | 1.1            | 0.9            | 0.4            |                    |                    |
| 57  |     |     | 40                              |                |                | 2.6            | 2.2            | 0.7            |                    |                    |
| 58  |     |     | 42                              |                |                | 1.4            | 0.9            | 0.7            |                    |                    |
| 59  |     |     | 43                              |                |                | 1.1            | 1.1            | 0.3            |                    |                    |
| 60  |     |     | 54                              | 0.0            | +0.7           | -1.0           | 4.0            | 4.0            | 2.2                | 1.3                |
| 61  |     |     | 5 07                            |                |                | 2.7            | 4.0            | 1.7            | 1.3                |                    |
| 62  |     | 30  | 9 55                            |                | +0.4           | -0.15          | 6.2            | 4.8            | 3.1                | 1.6                |
| 63  |     |     | 11 05                           |                | -0.3           |                | 4.5            | 4.4            | 1.1                | 2.0 <sub>ca.</sub> |
| 64  |     |     | 21 30                           |                |                | 1.0            | 0.7            | 1.0            |                    |                    |
| 65  |     | 31  | 3 48                            |                |                | 3.5            | 2.8            | 1.1            | 1.5                |                    |
| 66  |     |     | 50                              |                |                | 4.0            | 3.0            | 2.6            |                    |                    |

| 番 號 | 月 日    | 時 分                             | 初 動            |                |                | 最 大 振 幅        |                |                | p~s                 | 記 事 |
|-----|--------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------------|-----|
|     |        |                                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |                     |     |
| 67  | VII 31 | 16 <sup>h</sup> 04 <sup>m</sup> | -0.1           | -0.7           | +0.9           | 4.2            | 13.0           | 4.0            | 2.1                 |     |
| 68  | I 1    | 13 00                           |                |                |                | 3.2            | 5.1            | 3.1            | 1.3                 |     |
| 69  |        | 18 04                           |                |                |                | 2.9            | 2.3            | 1.0            | 1.8 <sub>est.</sub> |     |
| 70  | 2      | 13 31                           |                |                |                | 1.3            | 2.1            | 0.8            | 1.1                 |     |
| 71  | 3      | 2 28                            | -0.2           | +0.8           | -1.5           | 5.0            | 4.8            | 5.5            | 1.2                 |     |
| 72  |        | 7 44                            | 0.0            | +1.0           | -1.2           | 9.5            | 14.0           | 10.0           | 2.0                 |     |
| 73  | 4      | 10 16                           | -0.9           | -0.1           | +0.6           | 12.0           | 9.8            | 6.0            | 2.0                 |     |
| 74  |        | 20                              | -0.5           | -0.03          | +0.35          | 11.0           | 7.0            | 6.0            | 2.0                 |     |
| 75  |        | 21                              |                |                | +1.2           | 8.5            | 7.3            | 6.4            | 1.0                 |     |
| 76  |        | 19 06                           |                |                |                | 1.0            | 0.9            | 0.7            |                     |     |
| 77  |        | 22 07                           | +0.1           | +0.2           | -1.0           | 6.8            | 5.5            | 7.0            | 0.8                 |     |
| 78  |        | 13                              |                |                |                | 0.7            | 0.7            | 0.5            |                     |     |
| 79  |        | 15                              |                |                |                | 0.7            | 0.7            | 0.5            |                     |     |
| 80  |        | 52                              |                | +0.3           | -0.3           | 2.2            | 1.9            | 2.0            | 1.0                 |     |
| 81  |        | 59                              |                |                |                | 0.5            | 0.8            | 0.3            |                     |     |
| 82  |        | 23 12                           |                |                |                | 0.6            | 0.6            | 0.4            |                     |     |
| 83  |        | 13                              |                |                |                | 1.7            | 1.1            | 0.9            |                     |     |
| 84  |        | 53                              | +0.2           | +1.3           | -2.1           | 13.5           | 19.2           | 11.8           | 1.0                 |     |
| 85  | 5      | 0 15                            |                | -0.3           |                | 1.8            | 2.0            | 1.4            | 0.7                 |     |
| 86  |        | 40                              |                |                |                | 0.7            | 1.4            | 0.8            | 0.7 <sub>est.</sub> |     |
| 87  |        | 2 50                            |                | -0.15          |                | 7.5            | 3.9            |                |                     |     |
| 88  |        | 4 15                            |                |                |                | 2.3            | 1.8            | 0.6            |                     |     |
| 89  |        | 6 37                            |                |                |                | 3.4            | 2.6            | 1.3            |                     |     |
| 90  |        | 8 57                            |                |                |                | 1.0            | 0.7            | 0.4            |                     |     |
| 91  |        | 59                              |                |                |                | 0.4            | 0.7            | 0.2            |                     |     |
| 92  |        | 17 59                           |                |                |                | 1.7            | 1.3            | 0.7            |                     |     |
| 93  |        | 23 51                           |                |                |                | 3.8            | 2.5            | 1.1            |                     |     |
| 94  | 6      | 7 10                            |                |                |                | 1.0            | 0.9            | 0.4            |                     |     |
| 95  |        | 12 31                           | 0.0            | -0.4           | +0.7           | 5.8            | 5.5            | 3.8            | 1.3 <sub>est.</sub> |     |
| 96  |        | 13 08                           | 0.0            | +0.1           | -0.2           | 3.0            | 2.1            | 1.2            | 0.8                 |     |
| 97  |        | 14 08                           | +0.1           | +5.6           | -11.0          | ∞              | ∞              | 32.0           | 1.3                 |     |
| 98  |        | 15 31                           |                |                |                | 0.5            | 0.5            | 0.6            |                     |     |
| 99  |        | 17 20                           |                |                |                | 1.4            | 1.1            | 1.2            |                     |     |

| 番 號 | 月 | 日 | 時               | 分               | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|---|---|-----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |   |   |                 |                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 100 | I | 6 | 17 <sup>n</sup> | 31 <sup>m</sup> |                | +0.3           | -0.5           | 3.0            | 2.4            | 1.6            | 1.2 |     |
| 101 |   |   | 20              | 19              |                |                |                | 1.3            | 1.7            | 0.8            |     |     |
| 102 |   |   | 22              | 25              |                |                |                | 0.8            | 1.1            | 0.4            | 1.2 |     |
| 103 |   | 7 | 0               | 26              | 0.0            | +0.4           | -0.5           | 3.5            | 5.2            | 3.1            | 2.0 |     |
| 104 |   |   | 2               | 18              |                |                |                | 2.2            | 2.0            | 0.7            |     |     |
| 105 |   |   | 5               | 20              |                |                |                | 0.9            | 0.8            | 0.3            |     |     |
| 106 |   |   |                 | 29              |                |                |                | 17.8           | 11.6           | 8.7            | 1.1 |     |
| 107 |   |   | 7               | 07              | 0.0            | +0.2           | -0.45          | 1.5            | 10.0           | 8.0            | 1.0 |     |
| 108 |   |   |                 | 09              | +0.1           | +1.0           | -0.4           | 5.0            | 6.0            | 5.0            | 1.0 |     |
| 109 |   |   |                 | 33              |                |                |                | 2.1            | 1.6            | 1.5            |     |     |
| 110 |   |   | 8               | 12              | +0.1           | +0.7           | -0.9           | 4.5            | 5.7            | 8.7            | 1.0 |     |
| 111 |   |   |                 | 32              |                |                |                | 1.0            | 0.9            | 0.7            |     |     |
| 112 |   |   |                 |                 |                |                |                | 0.5            | 0.7            | 0.3            |     |     |
| 113 |   |   | 9               | 33              |                |                |                | 1.0            | 0.8            | 0.3            |     |     |
| 114 |   |   | 16              | 40              |                |                |                | 1.1            | 0.6            | 0.5            |     |     |
| 115 |   |   |                 |                 |                |                |                | 0.7            | 0.7            | 0.4            |     |     |
| 116 |   |   |                 | 51              |                |                |                | 0.8            | 0.8            | 0.4            |     |     |
| 117 |   |   | 17              | 29              |                |                |                | 0.3            | 0.9            | 0.3            |     |     |
| 118 |   |   | 19              | 42              |                |                |                | 2.4            | 1.6            | 0.3            |     |     |
| 119 |   |   | 21              | 08              |                |                |                | 2.4            | 2.2            | 2.0            | 1.0 |     |
| 120 |   |   |                 | 42              |                |                |                | 0.9            | 0.7            | 0.2            |     |     |
| 121 |   |   | 23              | 25              |                |                |                | 0.9            | 1.1            | 0.5            |     |     |
| 122 |   | 8 | 0               | 28              |                |                |                | 0.7            | 0.8            | 0.3            |     |     |
| 123 |   |   | 3               | 37              |                |                |                | 0.9            | 1.0            | 0.6            |     |     |
| 124 |   |   | 3               | 52              |                |                |                | 1.4            | 1.4            | 0.8            |     |     |
| 125 |   |   | 5               | 23              |                |                |                | 0.4            | 0.6            | 0.2            |     |     |
| 126 |   |   | 6               | 55              |                | -0.3           | +0.3           | 1.8            | 2.0            | 1.2            | 1.1 |     |
| 127 |   |   | 7               | 28              |                |                |                | 0.6            | 0.9            | 0.3            |     |     |
| 128 |   |   |                 | 40              |                |                |                | 0.6            | 0.5            | 0.2            |     |     |
| 129 |   |   |                 | 40              | +0.5           | -0.2           | +0.9           | 20.0           | 9.0            | 6.4            | 1.0 |     |
| 130 |   |   | 10              | 40              |                |                |                | 0.4            | 0.6            | 0.15           |     |     |
| 131 |   |   |                 | 41              | -0.6           | +0.8           | -1.0           | 47.0           | 18.3           | 6.3            | 1.2 |     |
| 132 |   |   |                 | 44              | 0.0            | +0.3           | -0.5           | 8.6            | 9.0            | 5.0            | 1.0 |     |

| 番 號 | 月 日 | 時 分                             | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|-----|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |     |                                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 133 | I 8 | 10 <sup>h</sup> 48 <sup>m</sup> |                |                |                | 0.4            | 0.7            | 0.3            |     |     |
| 134 |     | 14 27                           |                |                |                | 0.9            | 0.7            | 0.3            |     |     |
| 135 |     | 33                              | -0.4           | -0.4           |                | 3.6            | 5.2            | 2.0            | 1.7 |     |
| 136 |     | 43                              |                |                |                | 1.5            | 1.2            | 0.2            |     |     |
| 137 |     | 43                              |                |                |                | 1.5            | 1.2            | 0.2            |     |     |
| 138 |     | 15 02                           | 0.0            | +0.2           | +0.2           | 7.2            | 3.2            | 3.1            | 1.1 |     |
| 139 |     | 30                              |                |                |                | 1.1            | 1.1            | 0.8            |     |     |
| 140 |     | 16 39                           | -0.1           | -0.5           | -0.4           | 10.7           | 16.0           | 8.7            | 0.9 |     |
| 141 |     | 19 17                           |                |                |                | 0.9            | 2.2            | 1.4            |     |     |
| 142 |     | 21 18                           | -0.3           | +0.6           | -0.2           | 13.8           | 10.5           | 4.5            | 2.0 |     |
| 143 |     | 37                              |                |                |                | 1.7            | 1.1            | 0.8            |     |     |
| 144 |     | 55                              |                |                |                | 1.3            | 1.0            | 0.5            |     |     |
| 145 |     | 9 0 07                          |                |                |                | 1.4            | 1.0            | 0.2            |     |     |
| 146 |     | 1 46                            |                |                |                | 2.4            | 1.4            | 0.9            |     |     |
| 147 |     | 54                              |                |                |                | 0.6            | 0.5            | 0.1            |     |     |
| 148 |     | 2 40                            | 0.0            | -0.5           | -0.35          | 4.2            | 4.1            | 3.0            | 1.1 |     |
| 149 |     | 42                              |                |                |                | 1.0            | 0.4            | 0.3            |     |     |
| 150 |     | 44                              |                |                |                | 0.3            | 0.6            | 0.4            |     |     |
| 151 | 9   | 5 04                            |                |                |                | 2.2            | 2.6            | 1.6            |     |     |
| 152 |     | 06                              |                |                |                | 1.7            | 1.6            | 0.6            |     |     |
| 153 |     | 6 46                            |                |                |                | 0.0            | 0.3            | 0.3            |     |     |
| 154 |     | 47                              |                |                |                | 1.5            | 1.3            | 0.5            |     |     |
| 155 |     | 50                              |                |                |                | 3.0            | 2.0            | 1.1            |     |     |
| 156 |     | 7 49                            |                |                |                | 0.4            | 0.5            | 0.2            |     |     |
| 157 |     | 9 07                            | -0.3           | +0.8           | -0.6           | 6.0            | 8.3            | 3.5            | 1.0 |     |
| 158 |     | 07                              |                |                |                | 0.9            | 0.9            | 0.3            |     |     |
| 159 |     | 28                              |                |                |                | 3.0            | 2.4            | 1.1            |     |     |
| 160 |     | 28                              | +0.6           | +3.0           | -2.9           | ∞              | ∞              | 16.0           | 2.0 | 有 感 |
| 161 |     | 54                              |                |                |                | 1.3            | 1.7            | 0.9            |     |     |
| 162 |     | 15 25                           | 0.0            | +0.2           | -0.2           | 2.1            | 1.2            | 1.8            | 1.7 |     |
| 163 |     | 16 02                           |                |                |                | 0.4            | 0.6            | 0.3            |     |     |
| 164 |     | 17 40                           |                |                |                | 0.9            | 1.3            | 1.0            | 0.8 |     |
| 165 |     |                                 |                |                |                | 4.2            | 3.3            | 4.0            | 0.8 |     |

| 番 號 | 月 | 日  | 時               | 分               | 初 動            |                |                | 最 大 振 幅        |                |                | p~s        | 記 事 |     |
|-----|---|----|-----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------|-----|-----|
|     |   |    |                 |                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |            |     |     |
| 166 | I | 9  | 19 <sup>h</sup> | 14 <sup>m</sup> | +0.8           | -1.0           | +1.8           | ∞              | ∞              | 14.0           | 2.1        |     |     |
| 167 |   | 10 | 0               | 02              |                |                |                | 3.7            | 4.1            | 3.0            | 0.8        |     |     |
| 168 |   |    | 1               | 38              |                |                |                | 0.6            | 1.2            | 0.5            |            |     |     |
| 169 |   |    |                 | 43              |                |                |                | 1.0            | 1.2            | 0.5            |            |     |     |
| 170 |   |    |                 | 43              |                |                |                | 1.1            | 1.2            | 0.5            |            |     |     |
| 171 |   |    | 2               | 56              |                |                | +0.2           | 3.4            | 3.1            | 3.7            | 0.9        |     |     |
| 172 |   |    | 3               | 03              |                |                |                | 0.8            | 1.2            | 0.5            |            |     |     |
| 173 |   |    | 5               | 02              |                |                |                | 1.2            | 1.6            | 0.7            |            |     |     |
| 174 |   |    | 6               | 46              |                |                |                | 2.2            | 1.5            | 1.5            |            |     |     |
| 175 |   |    | 9               | 06              |                |                |                | 0.9            | 1.3            | 0.9            |            |     |     |
| 176 |   |    | 11              | 06              | -0.3           | +0.45          | -0.7           | 11.5           | 7.2            |                | 0.9<br>ca. |     |     |
| 177 |   |    | 14              | 43              |                |                |                | 2.2            | 3.5            | 1.9            | 1.4        |     |     |
| 178 |   |    |                 | 48              | 0.0            | 0.0            | +0.1           | 1.8            | 2.3            | 1.3            | 1.2        |     |     |
| 179 |   |    |                 | 53              |                |                |                | 0.4            | 1.0            | 0.3            |            |     |     |
| 180 |   |    | 16              | 59              | +0.1           | +0.2           | -0.4           | 3.2            | 4.5            | 3.0            | 1.0        |     |     |
| 181 |   |    | 17              | 08              | -0.06          | -0.2           | +0.6           | 7.5            | 3.2            | 3.9            | 0.9        |     |     |
| 182 |   |    |                 | 25              | -1.0           | +0.7           | +2.9           | ∞              | ∞              | ∞              | 1.6        | 有 感 |     |
| 183 |   |    | 21              | 50              |                |                |                | 0.8            | 0.7            | 0.3            |            |     |     |
| 184 |   | 11 | 1               | 23              |                |                |                | 0.7            | 1.0            | 0.6            |            |     |     |
| 185 |   |    | 2               | 36              |                |                |                | 0.6            | 1.1            | 0.4            |            |     |     |
| 186 |   |    |                 | 59              | -0.1           | -0.4           |                | 2.9            | 3.9            | 3.0            | 1.3        |     |     |
| 187 |   |    | 3               | 18              |                |                |                | 0.8            | 1.9            | 2.3            |            |     |     |
| 188 |   |    |                 | 23              | -0.1           | -0.9           | +0.8           | 7.7            | 13.0           | 4.8            | 0.9        |     |     |
| 189 |   |    |                 | 55              |                |                |                | 0.8            | 0.8            | 0.7            |            |     |     |
| 190 |   |    | 4               | 25              |                |                |                | 2.1            | 1.7            | 1.3            | 0.9        |     |     |
| 191 |   |    | 8               | 17              | -1.2           | +0.65          | -24.1          | ∞              | ∞              | ∞              | 1.0<br>ca. |     | 有 感 |
| 192 |   |    |                 | 19              |                |                |                |                | 0.8            |                |            |     |     |
| 193 |   |    |                 | 23              |                |                |                | 2.6            | 1.5            | 0.8            |            |     |     |
| 194 |   |    |                 | 23              |                |                |                | 2.6            | 1.5            | 0.8            |            |     |     |
| 195 |   |    |                 | 24              |                |                |                | 1.0            | 1.4            | 0.9            |            |     |     |
| 196 |   |    |                 | 26              |                |                |                | 0.4            | 0.6            | 0.5            |            |     |     |
| 197 |   |    |                 | 26              | 0.0            | +0.2           |                | 2.2            | 2.5            | 3.0            | 0.9        |     |     |
| 198 |   |    |                 | 32              |                |                |                | 0.9            | 0.9            | 0.6            |            |     |     |



| 番 號 | 月 日  | 時 分                            | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|------|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |      |                                | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 199 | I 11 | 8 <sup>h</sup> 40 <sup>m</sup> |                |                |                | 0.9            | 1.2            | 0.9            |     |     |
| 200 |      | 9 18                           |                | 0.0            | +0.3           | 3.1            | 3.3            | 3.9            | 0.8 |     |
| 201 |      | 48                             | -0.05          | +0.2           | -0.2           | 1.8            | 2.4            | 1.8            | 1.0 |     |
| 202 |      | 10 49                          |                |                |                | 0.4            | 0.8            | 0.4            |     |     |
| 203 |      | 54                             |                |                |                | 0.7            | 0.8            | 0.5            |     |     |
| 204 |      | 12 01                          |                |                |                | 1.0            | 0.9            | 0.8            |     |     |
| 205 |      | 13 27                          |                |                |                | 0.7            | 1.1            | 0.6            |     |     |
| 206 |      | 15 53                          | +0.3           | -0.1           | +0.7           | 3.7            | 3.0            | 1.3            | 1.0 |     |
| 207 |      | 17 21                          |                |                |                | 0.9            | 0.8            | 0.5            |     |     |
| 208 |      | 39                             |                |                |                | 2.3            | 1.9            | 1.4            |     |     |
| 209 | 12   | 18 27                          |                |                |                | 1.2            | 1.5            | 0.6            |     |     |
| 210 |      | 27                             | +0.2           | +1.0           | +0.8           | 12.2           | 10.0           | 5.7            | 1.4 |     |
| 211 |      | 36                             | +0.7           | +0.6           | -1.05          | 42.8           | 19.0           | 9.5            | 1.2 |     |
| 212 |      | 21 04                          | +0.07          | +1.0           | -0.6           | 29.5           | 16.5           | 5.0            | 2.0 |     |
| 213 |      | 28                             |                |                |                | 3.0            | 2.9            | 1.5            |     |     |
| 214 |      | 22 43                          |                |                |                | 2.3            | 2.3            | 3.0            |     |     |
| 215 |      | 23 16                          |                |                |                | 1.0            | 1.1            | 0.3            |     |     |
| 216 |      | 0 50                           |                |                |                | 3.2            | 3.2            | 2.3            |     |     |
| 217 |      | 1 44                           |                |                |                | 1.0            | 1.0            | 0.5            |     |     |
| 218 |      | 10 22                          |                |                |                | 1.6            | 1.5            | 1.9            |     |     |
| 219 | 13   | 39                             | +0.1           | +0.5           | -0.7           | 1.5            | 1.7            | 1.7            | 1.2 |     |
| 220 |      | 12 52                          | 0.0            | -0.3           | +1.0           | 16.0           | 15.2           | 6.0            | 1.2 |     |
| 221 |      | 58                             | 0.0            | -0.2           |                | 1.9            | 1.7            | 1.1            | 1.0 |     |
| 222 |      | 14 37                          |                |                |                | 1.0            | 1.2            | 0.8            |     |     |
| 223 |      | 15 40                          | +0.1           | -0.2           |                | 2.3            | 1.5            | 0.8            | 1.3 |     |
| 224 |      | 50                             | +0.1           | +0.2           | +0.3           | 6.2            | 6.0            | 4.0            | 1.2 |     |
| 225 |      | 17 00                          |                |                |                | 1.7            | 1.4            | 1.0            |     |     |
| 226 |      | 19 13                          |                |                |                | 0.6            | 0.9            | 0.5            |     |     |
| 227 |      | 10                             | 0.0            | -0.3           | +0.6           | 9.0            | 8.2            | 2.4            | 1.8 |     |
| 228 |      | 4 10                           |                |                |                | 2.4            | 1.2            | 2.0            |     |     |
| 229 |      | 56                             |                |                |                | 2.1            | 1.4            | 0.8            |     |     |
| 230 |      | 5 35                           |                |                |                | 3.0            | 1.4            | 0.8            |     |     |
| 231 |      | 16 04                          | +0.5           | +3.4           | -1.6           | ∞              | ∞              | 35.5           | 2.2 |     |

| 番 號 | 月 日  | 時 分                             | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |      |                                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 232 | I 13 | 17 <sup>h</sup> 05 <sup>m</sup> |                | -0.6           | +1.9           |                |                | 14.6           | 0.9 |     |
| 233 |      | 06                              |                |                |                |                |                | 1.3            | 0.9 |     |
| 234 |      | 18 17                           |                |                |                | 1.5            | 0.9            | 0.4            |     |     |
| 235 |      | 17                              |                |                |                | 1.5            | 1.5            | 0.6            |     |     |
| 236 |      | 24                              |                |                |                | 0.8            | 1.2            | 0.5            |     |     |
| 237 |      | 31                              |                |                |                | 1.8            | 1.2            | 0.9            |     |     |
| 238 |      | 22 18                           |                |                |                | 0.7            | 0.9            | 0.5            |     |     |
| 239 |      | 50                              | +0.2           | -1.0           | +1.1           | 22.5           | 22.0           | 13.2           | 1.0 |     |
| 240 |      | 53                              |                |                |                | 1.4            | 1.0            | 0.5            |     |     |
| 241 |      | 23 01                           | -0.05          | -0.2           | +0.1           | 2.7            | 2.4            | 1.0            | 1.2 |     |
| 242 | 14   | 07                              |                |                |                | 0.6            | 0.6            | 0.6            |     |     |
| 243 |      | 19                              |                |                |                | 1.5            | 0.7            | 0.5            |     |     |
| 244 |      | 0 12                            |                |                |                | 2.2            | 1.4            | 1.2            |     |     |
| 245 |      | 49                              |                |                |                | 2.5            | 1.7            | 0.8            |     |     |
| 246 |      | 3 00                            | +0.2           |                | +0.4           | 6.4            | 4.0            | 3.3            | 1.5 |     |
| 247 |      | 07                              | +0.15          | -0.25          | +0.2           | 3.1            | 3.1            | 1.8            | 1.2 |     |
| 248 |      | 4 10                            |                |                |                | 2.8            | 1.3            | 0.6            |     |     |
| 249 |      | 12                              |                |                |                | 1.1            | 0.6            | 0.5            |     |     |
| 250 |      | 6 41                            | +0.2           | +1.1           | -1.4           | 6.8            | 5.4            | 5.9            | 1.2 |     |
| 251 |      | 51                              | -0.1           | +1.1           | -0.7           | ∞              | ∞              | 38.2           | 1.5 |     |
| 252 |      | 7 31                            |                |                |                | 0.7            | 1.6            | 0.8            |     | 有 感 |
| 253 |      | 11 01                           | +1.0           | +3.2           | -6.5           | ∞              | ∞              | 19.4           | 1.2 |     |
| 254 |      | 07                              |                | +0.15          | -15.0          | ∞              | ∞              | ∞              | 1.2 |     |
| 255 |      | 11                              | -0.1           | -0.9           | -14.0          | ∞              | ∞              | ∞              | 1.0 |     |
| 256 |      | 18                              |                |                |                |                |                | 2.0            |     |     |
| 257 |      | 20                              |                |                |                |                |                | 0.7            |     |     |
| 258 |      | 20                              |                |                | -0.7           |                |                | 5.7            | 1.0 |     |
| 259 |      | 21                              |                |                | +3.9           |                |                | 76.0           | 0.8 |     |
| 260 |      |                                 |                |                | -1.0           |                |                | 16.0           | 0.8 |     |
| 261 |      | 23                              |                |                | -0.3           |                |                | 1.0            | 0.9 |     |
| 262 |      | 24                              |                |                | -0.3           |                |                | 23.0           | 1.0 | 有 感 |
| 263 |      | 25                              |                |                | -0.3           |                |                | 3.0            | 1.0 |     |
| 264 |      | 26                              |                |                | -4.0           |                |                | 35.2           | 0.9 |     |
|     |      |                                 |                |                |                |                |                |                |     |     |

| 番 號 | 月 日  | 時 分                             | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |      |                                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 265 | I 14 | 11 <sup>h</sup> 28 <sup>m</sup> |                |                | -0.2           |                |                | 5.0            | 0.8 |     |
| 266 |      | 29                              |                |                | -0.3           |                |                | 2.1            | 1.2 |     |
| 267 |      | 30                              |                |                |                |                |                | 0.4            |     |     |
| 268 |      | 31                              |                |                |                |                |                | 0.6            |     |     |
| 269 |      | 32                              |                |                |                |                |                | 0.3            |     |     |
| 270 |      | 33                              |                |                |                |                |                | 0.6            |     |     |
| 271 |      | 35                              |                |                |                |                |                | 0.3            |     |     |
| 272 |      | 38                              |                |                |                |                |                | 0.3            |     |     |
| 273 |      | 42                              |                |                | -0.2           |                |                | 0.8            | 0.8 |     |
| 274 |      | 44                              |                |                | +0.82          |                |                | 7.3            | 0.9 |     |
| 275 |      | 46                              |                |                |                |                |                | 2.8            |     |     |
| 276 |      | 46                              |                |                |                |                |                | 1.2            |     |     |
| 277 |      | 49                              |                |                | -0.4           |                |                | 5.7            | 1.0 |     |
| 278 |      | 53                              |                |                |                |                |                | 0.3            |     |     |
| 279 |      | 54                              |                |                |                |                |                | 4.4            | 1.1 |     |
| 280 |      | 57                              |                |                | -10.5          |                |                | ∞              | 1.0 |     |
| 281 |      | 12 07                           |                |                |                | 1.1            | 2.0            | 0.8            | 0.9 |     |
| 282 |      |                                 |                |                |                | 6.0            | 10.5           | 5.3            | 1.0 |     |
| 283 |      | 08                              |                |                |                | 0.5            | 0.8            | 0.3            |     |     |
| 284 |      | 09                              |                |                |                |                |                | 0.3            |     |     |
| 285 |      | 10                              |                |                |                | 1.3            | 1.5            | 1.1            |     |     |
| 286 |      | 12                              |                |                |                | 1.0            | 1.3            | 1.1            |     |     |
| 287 |      | 12                              |                |                |                | 0.5            | 0.7            | 0.4            |     |     |
| 288 |      | 21                              |                |                |                | 0.8            | 0.8            |                |     |     |
| 289 |      | 23                              |                |                |                | 0.6            | 0.8            | 0.5            |     |     |
| 290 |      | 25                              |                |                |                | 0.5            | 1.1            |                |     |     |
| 291 |      | 26                              |                |                |                | 1.1            | 1.2            |                |     |     |
| 292 |      | 26                              |                |                |                | 0.5            | 0.6            |                |     |     |
| 293 |      | 39                              |                |                |                | 1.5            | 2.1            |                | 0.8 |     |
| 294 |      | 43                              |                |                |                | 1.9            | 1.5            |                |     |     |
| 295 |      | 44                              |                |                |                | 2.8            | 3.0            |                |     |     |
| 296 |      | 45                              |                |                |                | 0.6            | 0.7            |                |     |     |
| 297 |      | 47                              |                |                |                | 2.6            | 2.9            |                |     |     |

| 番 號 | 月 日  | 時 分                             | 初 動            |                |                | 本 大 振 幅        |                |                | p~s        | 記 事 |
|-----|------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------------|-----|
|     |      |                                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |            |     |
| 298 | I 14 | 12 <sup>h</sup> 47 <sup>m</sup> |                |                |                | 0.6            | 0.8            |                |            |     |
| 299 |      | 13 07                           | -0.6           | +0.3           | -42.5          | ∞              | ∞              | ∞              | 0.8        | 有 感 |
| 300 |      | 12                              |                |                |                | 1.4            | 1.5            | 0.8            | 0.8        |     |
| 301 |      | 16                              |                |                |                | 1.1            | 1.3            | 1.2            |            |     |
| 302 |      | 28                              |                |                |                | 0.7            | 0.8            | 0.3            |            |     |
| 303 |      | 49                              |                |                |                | 0.6            | 0.6            | 0.3            |            |     |
| 304 |      | 56                              |                |                |                | 0.7            | 0.7            | 0.4            |            |     |
| 305 |      | 14 11                           |                |                |                | 1.1            | 1.0            | 0.5            |            |     |
| 306 |      | 44                              |                |                |                | 4.0            | 5.5            | 4.2            | 0.9        |     |
| 307 |      | 47                              |                |                |                | 0.6            | 0.9            | 0.2            |            |     |
| 308 |      | 58                              |                |                |                | 1.4            | 1.6            | 0.7            |            |     |
| 309 |      | 58                              |                |                |                | 0.7            | 0.8            | 0.2            |            |     |
| 310 |      | 15 13                           |                |                |                | 1.1            | 1.6            | 1.3            | 0.8        |     |
| 311 |      | 15                              |                |                |                | 4.7            | 9.0            | 8.0            |            |     |
| 312 |      | 20                              |                |                |                | 14.8           | 8.4            | 7.6            | 0.8        |     |
| 313 |      | 23                              |                |                |                | 1.2            | 1.1            | 0.6            |            |     |
| 314 |      | 24                              |                |                |                | 1.3            | 1.4            | 0.6            |            |     |
| 315 |      | 26                              | -0.3           | -1.0           | +0.4           | 6.8            | 5.0            | 3.0            | 0.8        |     |
| 316 |      | 33                              |                |                |                | 1.0            | 0.8            | 0.4            |            |     |
| 317 |      | 34                              | -5.2           | +64.0          | -6.6           | ∞              | ∞              | ∞              | 1.2<br>ca. | 有 感 |
| 318 |      | 55                              |                |                |                |                |                | 2.2            |            |     |
| 319 |      | 16 07                           | +0.3           | -0.4           | -7.1           | 37.0           | ∞              | 16.2           | 1.2        |     |
| 320 |      | 24                              | 0.0            | +0.4           | -0.25          | 2.3            | 2.7            | 1.6            | 0.9        |     |
| 321 |      | 32                              | -1.0           | +29.0          | -19.0          | ∞              | ∞              | ∞              | 1.2<br>ca. | 有 感 |
| 322 |      | 57                              | -0.3           | +0.5           | -0.8           | 18.2           | 19.3           | 14.0           | 1.3        |     |
| 323 |      | 17 20                           |                |                |                | 0.4            | 1.1            | 0.5            |            |     |
| 324 |      | 27                              |                |                |                | 1.8            | 1.0            | 1.0            |            |     |
| 325 |      | 29                              |                |                |                | 1.8            | 1.3            | 0.9            |            |     |
| 326 |      | 29                              |                |                |                | 1.6            | 1.9            | 2.8            |            |     |
| 327 |      | 18 41                           | -0.4           | +12.0          | -11.5          | ∞              | ∞              | ∞              | 1.2<br>ca. | 有 感 |
| 328 |      | 53                              |                |                |                | 2.3            | 4.2            | 2.6            |            |     |
| 329 |      | 59                              |                |                |                | 1.2            | 1.0            | 0.8            |            |     |
| 330 |      | 19 38                           |                |                |                | 1.0            | 1.5            | 0.5            |            |     |

| 番 號 | 月 日  | 時 分                             | 初 動            |                |                | 最 大 振 幅        |                |                | p~s        | 記 事 |
|-----|------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------------|-----|
|     |      |                                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |            |     |
| 331 | I 14 | 21 <sup>b</sup> 53 <sup>m</sup> |                |                |                | 2.0            | 3.2            | 5.3            |            |     |
| 332 |      | 22 30                           |                |                |                | 1.4            | 1.0            | 1.4            | 0.8        |     |
| 333 |      | 43                              |                |                | -3.15          |                |                | 54.4           | 1.2<br>ca. | 有 感 |
| 334 |      | 23 47                           |                |                |                | 2.7            | 2.0            | 2.0            | 0.9<br>ca. |     |
| 335 |      | 15 2 34                         |                |                |                | 1.2            | 1.3            | 1.0            |            |     |
| 336 |      | 3 06                            |                |                |                | 3.6            | 3.4            | 1.4            |            |     |
| 337 |      | 10                              |                |                |                | 1.3            | 1.3            | 0.6            |            |     |
| 338 |      | 4 47                            |                |                |                | 1.8            | 1.3            | 0.6            |            |     |
| 339 |      | 5 25                            | +0.2           | +0.6           | -1.2           | 27.4           | 19.6           | 12.0           | 1.2        |     |
| 340 |      | 48                              |                |                |                | 2.3            | 3.5            | 2.2            | 1.2        |     |
| 341 |      | 52                              |                |                |                | 2.6            | 2.5            | 2.1            |            |     |
| 342 |      | 6 08                            | +0.2           | -0.5           | -0.45          | 3.3            | 5.5            | 4.2            | 0.9        |     |
| 343 |      | 42                              | 0.0            | +0.2           |                | 2.0            | 2.3            | 4.8            | 1.2        |     |
| 344 |      | 7 38                            |                |                |                | 1.6            | 1.2            | 0.2            |            |     |
| 345 |      | 15 00                           |                |                |                | 1.4            | 1.6            | 1.0            | 0.9        |     |
| 346 |      | 16 20                           |                |                |                | 2.7            | 4.0            | 1.6            | 0.9        |     |
| 347 |      | 18 07                           |                |                |                | 0.6            | 0.9            | 0.3            |            |     |
| 348 |      | 52                              |                |                |                | 0.9            | 0.8            | 0.3            |            |     |
| 349 |      | 20 05                           |                |                |                | 3.5            | 6.0            | 3.3            | 1.0        |     |
| 350 |      | 16 1 41                         |                |                |                | 1.2            | 1.2            | 0.4            |            |     |
| 351 |      | 4 45                            |                |                |                | 1.7            | 1.0            | 0.7            |            |     |
| 352 |      | 10 49                           | 0.0            | +0.3           | -0.15          | 1.4            | 1.1            | 0.8            | 0.9        |     |
| 353 |      | 11 39                           | 0.0            | +0.3           | -0.3           | 2.1            | 3.5            | 4.4            | 0.8<br>ca. |     |
| 354 |      | 12 29                           | +1.05          | +3.4           | -2.8           | ∞              | ∞              | 80.0           | 1.4<br>ca. | 有 感 |
| 355 |      | 13 58                           | +0.3           | +1.0           | -0.7           | 4.4            | 3.3            | 1.8            | 2.3        |     |
| 356 |      | 15 01                           | +0.25          | +1.0           | -1.3           | 5.5            | 5.1            | 4.7            | 1.2        |     |
| 357 |      | 04                              |                |                |                | 1.0            | 0.7            | 0.6            |            |     |
| 358 |      | 20 33                           | +0.0           | -0.3           | +0.2           | 3.8            | 2.5            | 3.6            | 0.8        |     |
| 359 |      | 21 29                           |                |                |                | 1.4            | 2.3            | 1.1            |            |     |
| 360 |      | 17 0 51                         |                |                |                | 0.7            | 0.9            | 0.5            |            |     |
| 361 |      | 2 01                            |                |                |                | 0.8            | 0.7            | 0.7            |            |     |
| 362 |      | 03                              | -0.35          | +0.2           | -0.55          | 4.0            | 5.1            | 3.5            | 1.6        |     |
| 363 |      | 3 24                            |                |                |                | 0.9            | 0.9            | 0.4            |            |     |

| 番 號 | 月 月  | 時 分                            | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|------|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |      |                                | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 364 | I 17 | 3 <sup>h</sup> 28 <sup>m</sup> |                |                |                | 1.0            | 1.0            | 0.3            |     |     |
| 365 |      | 32                             | +0.1           | +0.25          | -0.4           | 3.1            | 4.0            | 1.5            | 1.7 |     |
| 366 |      | 45                             |                |                |                | 1.7            | 1.7            | 0.8            |     |     |
| 367 |      | 59                             |                |                |                | 0.9            | 0.9            | 0.4            |     |     |
| 368 |      | 4 21                           | +1.2           | -0.5           | +0.8           | ∞              | ∞              | 26.2           | 1.2 |     |
| 369 |      | 6 53                           |                |                |                |                |                | 2.7            |     |     |
| 370 |      | 11 27                          |                |                |                | 3.0            | 1.6            | 1.2            |     |     |
| 371 |      | 15 01                          |                |                |                | 3.2            | 4.8            | 3.7            |     |     |
| 372 |      | 06                             |                |                |                | 0.7            | 0.9            | 0.7            |     |     |
| 373 |      | 19 40                          |                |                |                | 1.4            | 1.7            | 0.9            |     |     |
| 374 |      | 21 11                          |                |                |                | 0.8            | 1.3            | 0.9            |     |     |
| 375 |      | 23 45                          |                |                |                | 1.5            | 2.0            | 1.1            | 0.9 |     |
| 376 |      | 18 4 31                        |                |                |                | 0.8            | 1.1            | 0.4            |     |     |
| 377 |      | 6 56                           | 0.0            | -0.4           | -0.9           | 16.0           | 28.0           | 6.7            | 1.3 |     |
| 378 |      | 7 08                           |                |                |                | 1.3            | 1.4            | 0.9            |     |     |
| 379 |      | 34                             | 0.0            | +0.2           | +0.05          | 10.8           | 5.2            | 1.5            | 0.8 |     |
| 380 |      | 12 04                          | 0.0            | +0.35          | -0.35          | 4.7            | 8.0            | 5.1            | 1.6 |     |
| 381 |      | 40                             | 0.0            | +0.4           | -0.2           | ∞              | ∞              | 21.6           | 1.5 |     |
| 382 |      | 13 12                          |                |                | +0.15          |                |                |                | 1.2 |     |
| 383 | 19   | 20 00                          |                |                |                | 2.1            | 1.9            | 1.6            |     |     |
| 384 |      | 4 37                           |                |                |                | 1.0            | 1.2            | 0.6            |     |     |
| 385 |      | 5 16                           |                |                |                | 1.3            | 1.7            | 1.1            |     |     |
| 386 |      | 6 08                           |                |                |                | 0.8            | 1.3            | 0.7            |     |     |
| 387 |      | 12                             |                |                |                | 2.4            | 3.5            | 0.7            |     |     |
| 388 |      | 34                             |                |                |                | 2.9            | 2.4            | 0.6            |     |     |
| 389 |      | 9 51                           |                |                |                | 0.9            | 0.8            | 0.8            |     |     |
| 390 |      | 18 05                          |                |                |                | 2.7            | 3.2            | 1.7            | 0.9 |     |
| 391 |      | 20 48                          |                |                |                | 1.3            | 1.0            | 0.8            |     |     |
| 392 |      | 22 06                          |                |                |                | 0.7            | 0.6            | 1.2            |     |     |
| 393 | 20   | 23 50                          |                |                |                | 1.3            | 1.4            | 1.0            |     |     |
| 394 |      | 1 12                           |                |                |                | 1.5            | 1.2            | 1.2            |     |     |
| 395 |      | 56                             |                |                |                | 2.2            | 1.9            | 1.0            |     |     |
| 396 |      | 3 15                           |                |                |                | 2.2            | 1.6            | 0.4            |     |     |

| 番 號 | 月 日  | 時 分                            | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|------|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |      |                                | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 397 | I 20 | 3 <sup>h</sup> 49 <sup>m</sup> |                |                |                | 0.4            | 0.7            | 0.3            |     |     |
| 398 |      | 50                             |                |                |                | 0.8            | 1.3            | 0.8            |     |     |
| 399 |      | 7 55                           |                |                |                | 2.3            | 2.6            | 0.9            |     |     |
| 400 |      | 11 49                          |                |                |                | 4.0            | 5.0            | 1.3            | 1.3 |     |
| 401 |      | 15 48                          | +0.1           | +1.0           | -1.1           | 15.5           | 10.0           | 7.7            | 1.2 |     |
| 402 |      | 21 00                          |                |                |                | 2.1            | 1.9            | 1.5            |     |     |
| 403 |      | 38                             |                |                |                | 2.3            | 1.8            | 1.0            |     |     |
| 404 |      | 21 3 08                        |                |                |                | 1.2            | 0.9            | 1.0            |     |     |
| 405 |      | 10                             |                |                |                | 0.5            | 0.6            | 0.4            |     |     |
| 406 |      | 10                             |                |                |                | 1.8            | 1.1            | 0.5            |     |     |
| 407 | 21   | 4 04                           |                |                |                | 0.9            | 0.8            | 1.2            |     |     |
| 408 |      | 6 13                           |                |                |                | 0.8            | 1.0            | 0.4            |     |     |
| 409 |      | 16                             | 0.0            | +1.0           | -3.0           | 18.0           | 13.5           | 7.0            | 1.3 |     |
| 410 |      | 14 28                          | 0.0            | +0.1           | +0.1           | 4.4            | 4.2            | 1.6            | 1.3 |     |
| 411 |      | 15 48                          | 0.0            | 0.2            |                | 1.7            | 1.5            | 0.6            | 1.2 |     |
| 412 |      | 16 54                          |                |                |                | 1.7            | 1.3            | 0.6            |     |     |
| 413 |      | 17 21                          |                |                |                | 0.6            | 0.8            | 0.2            |     |     |
| 414 |      | 28                             |                |                |                | 0.5            | 0.4            | 0.3            |     |     |
| 415 |      | 43                             |                |                |                | 1.8            | 1.2            | 0.2            |     |     |
| 416 |      | 19 32                          |                |                |                | 1.6            | 1.5            | 0.5            | 1.2 |     |
| 417 | 22   | 22 21                          |                |                |                | 1.0            | 0.8            | 0.6            |     |     |
| 418 |      | 2 27                           |                |                |                | 1.5            | 1.4            | 0.7            | 0.7 |     |
| 419 |      | 3 02                           | +2.4           | +6.5           | -6.5           | ∞              | ∞              | 71.5           | 2.1 |     |
| 420 |      | 08                             |                |                |                |                |                | 2.2            |     |     |
| 421 |      | 10                             |                |                |                |                |                | 13.8           |     |     |
| 422 |      |                                |                |                |                |                |                | 2.4            |     |     |
| 423 |      |                                |                |                |                |                |                | 0.6            |     |     |
| 424 |      | 21                             |                |                |                |                |                | 2.6            |     |     |
| 425 |      | 56                             |                |                |                |                |                | 2.0            | 1.0 |     |
| 426 |      | 4 17                           |                |                |                |                |                | 1.0            |     |     |
| 427 |      | 7 30                           |                |                |                |                |                | 26.0           | 1.1 |     |
| 428 |      | 8 12                           |                |                |                |                |                | 0.6            |     |     |
| 429 |      | 30                             |                |                |                | 0.6            | 0.8            | 0.4            |     |     |

| 番 號 | 月 日  | 時 分                            | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|------|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |      |                                | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 430 | I 22 | 9 <sup>h</sup> 27 <sup>m</sup> |                |                |                | 1.4            | 2.7            | 1.6            |     |     |
| 431 |      | 36                             | ?              | -0.15          | -0.8           | 7.8            | 12.8           | 6.8            | 0.9 |     |
| 432 |      | 11 26                          | -0.2           | +2.3           | -1.95          | 19.0           | 13.0           | 7.7            | 1.1 |     |
| 433 |      | 12 15                          |                |                |                | 1.0            | 1.8            | 0.7            |     |     |
| 434 |      | 23 07                          | 0.0            | +0.3           | -0.3           | 1.2            | 1.3            | 1.4            | 1.0 |     |
| 435 |      | 1 27                           | -0.25          | +0.5           | -0.3           | 3.3            | 4.3            | 1.5            | 1.1 |     |
| 436 |      | 36                             | 0.0            | +0.25          | -0.25          | 5.3            | 2.5            | 1.0            | 2.0 |     |
| 437 |      | 2 59                           | 0.0            | +0.1           | -0.05          | 2.5            | 3.6            | 3.9            | 0.8 |     |
| 438 |      | 4 34                           |                |                |                | 0.6            | 1.0            | 0.3            |     |     |
| 439 |      | 8 48                           | ?              | -0.6           | +0.1           | 5.3            | 5.5            | 5.5            | 1.0 |     |
| 440 |      | 50                             |                |                |                | 1.8            | 1.5            | 0.8            |     |     |
| 441 |      | 9 38                           | ?              | -0.2           | +0.25          | 2.6            | 2.7            | 2.0            | 0.9 |     |
| 442 | 23   | 11 01                          |                |                |                | 1.2            | 1.7            | 0.8            | 0.8 |     |
| 443 |      | 21 51                          |                |                |                | 1.3            | 2.2            | 2.2            |     |     |
| 444 |      | 54                             |                |                |                | 3.0            | 5.0            | 4.4            | 0.8 |     |
| 445 |      | 24 3 01                        |                |                |                | 1.5            | 2.4            | 1.1            | 1.2 |     |
| 446 |      | 4 24                           |                |                |                | 0.8            | 1.3            | 0.4            |     |     |
| 447 |      | 5 32                           |                |                |                | 0.8            | 0.9            | 0.7            |     |     |
| 448 |      | 6 18                           |                |                |                | 1.1            | 1.1            | 0.7            |     |     |
| 449 |      | 8 14                           | -0.1           | -0.8           | +0.3           | 9.4            | 14.6           | 8.0            | 1.3 |     |
| 450 |      | 9 45                           |                |                |                | 2.2            | 1.8            | 0.7            |     |     |
| 451 |      | 10 07                          |                | -0.1           | +0.15          | 1.4            | 2.0            | 0.6            | 1.3 |     |
| 452 |      | 27                             | +0.3           | +2.2           | -1.8           | ∞              | ∞              | 53.0           | 1.9 |     |
| 453 |      | 11 05                          |                |                |                |                |                | 3.9            | 2.2 |     |
| 454 | 24   | 44                             |                | -0.25          | +0.1           | 2.4            | 2.6            | 1.3            | 1.8 |     |
| 455 |      | 12 00                          |                |                |                | 0.5            | 0.9            | 0.4            |     |     |
| 456 |      | 13 56                          |                |                |                | 2.8            | 2.6            | 1.0            |     |     |
| 457 |      | 16 22                          |                |                |                | 1.0            | 1.7            | 0.7            |     |     |
| 458 |      | 17 19                          |                |                |                | 3.4            | 2.6            | 1.0            |     |     |
| 459 |      | 19 10                          |                |                |                | 1.0            | 0.9            | 0.3            |     |     |
| 460 |      | 21 14                          |                |                |                | 2.8            | 2.5            | 1.7            |     |     |
| 461 |      | 55                             |                |                |                | 1.7            | 2.3            | 1.0            | 1.0 |     |
| 462 |      | 22 27                          |                |                |                | 0.8            | 0.7            | 0.2            |     |     |



| 番 號 | 月 日  | 時 分                             | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |      |                                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 463 | I 24 | 22 <sup>h</sup> 28 <sup>m</sup> |                |                |                | 0.9            | 0.9            | 0.8            |     |     |
| 464 |      | 23 06                           |                |                |                | 1.8            | 1.8            | 1.1            |     |     |
| 465 |      | 07                              | +0.25          | +0.7           | -0.65          | 4.0            | 4.6            | 1.8            | 1.2 |     |
| 466 |      | 25 0 44                         |                |                |                | 1.5            | 0.9            | 0.5            |     |     |
| 467 |      | 1 06                            | +0.3           | +0.4           | -0.4           | ∞              | ∞              | 31.5           | 1.0 |     |
| 468 |      | 26                              |                |                |                |                |                | 0.7            |     |     |
| 469 |      | 2 50                            |                |                |                |                |                | 0.4            |     |     |
| 470 |      | 5 25                            |                |                |                |                |                | 1.2            |     |     |
| 471 |      | 49                              |                |                |                |                |                | 0.7            |     |     |
| 472 |      | 52                              |                |                |                |                |                | 0.5            |     |     |
| 473 |      | 6 36                            |                |                |                |                |                | 0.9            |     |     |
| 474 |      | 7 19                            |                |                |                |                |                | 2.1            |     |     |
| 475 |      | 24                              |                |                |                |                |                | 0.2            |     |     |
| 476 |      | 10 29                           | +0.2           | -0.4           |                | 3.6            | 5.8            |                | 1.0 |     |
| 477 |      | 11 50                           |                |                |                | 0.5            | 1.0            |                |     |     |
| 478 |      | 17 28                           |                |                |                |                |                | 2.5            |     |     |
| 479 |      | 28                              |                |                |                |                |                | 1.4            |     |     |
| 480 |      | 26 0 37                         | -0.7           | -0.3           | +1.6           | 7.0            | 6.6            | 4.0            | 0.9 |     |
| 481 |      | 1 43                            | -0.2           | +0.1           | +4.6           | 5.2            |                | 27.0           | 1.5 |     |
| 482 |      | 6 32                            |                |                |                | 1.2            | 1.5            | 0.8            |     |     |
| 483 |      | 38                              |                |                |                | 0.7            | 1.2            | 0.5            |     |     |
| 484 |      | 39                              | +0.1           | -0.4           | +0.8           | 7.9            | 4.6            | 7.0            | 1.1 |     |
| 485 |      | 54                              |                |                |                | 0.6            | 0.9            | 0.4            |     |     |
| 486 |      | 54                              |                |                |                | 0.9            | 1.5            | 0.6            |     |     |
| 487 |      | 57                              |                |                |                | 0.8            | 1.4            | 0.6            |     |     |
| 488 |      | 57                              |                |                |                | 3.3            | 3.5            | 2.8            | 1.4 |     |
| 489 |      | 7 21                            |                |                |                | 1.4            | 2.5            | 1.4            | 1.1 |     |
| 490 |      | 26                              | 0.0            | +0.4           | +0.6           | 4.6            | 5.3            | 3.1            | 1.1 |     |
| 491 |      | 31                              | -1.0           | +0.1<br>-0.8   | +3.7           | 24.3           | 19.0           | 17.0           | 1.1 |     |
| 492 |      | 32                              |                |                |                | 0.9            | 0.7            | 0.3            |     |     |
| 493 |      | 32                              |                |                |                | 1.2            | 1.3            | 0.7            |     |     |
| 494 |      | 41                              | +0.3           | -0.5           | +2.7           | ∞              | ∞              | 27.2           | 1.4 |     |
| 495 |      | 8 57                            | 0.0            | -0.25          | -0.1           | 3.0            | 3.1            | 4.2            | 0.6 |     |

| 番 號 | 月 日  | 時 分                             | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |      |                                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 496 | I 26 | 10 <sup>h</sup> 31 <sup>m</sup> |                |                |                | 1.9            | 1.9            | 0.9            | 0.8 |     |
| 497 |      | 12 04                           |                | -0.5           | -1.4           | 6.0            | 7.0            | 5.4            | 1.5 |     |
| 498 |      | 14 39                           |                |                |                | 0.9            | 0.8            | 0.5            |     |     |
| 499 |      | 15 34                           |                |                |                | 1.3            | 1.3            | 0.7            |     |     |
| 500 |      | 18 03                           | 0.0            | -0.3           | -0.1           | 2.3            | 1.8            | 1.3            | 1.1 |     |
| 501 |      | 21 16                           | -0.5           | -0.8           | +1.2           | 12.7           | 7.0            | 5.8            | 1.3 |     |
| 502 |      | 27                              |                |                |                | 1.2            | 2.3            | 0.8            |     |     |
| 503 |      | 23 41                           | +0.3           | -1.7           | -5.5           | ∞              | ∞              | 16.6           | 1.0 | 有 感 |
| 504 | 27   | 3 25                            |                |                |                | 1.6            | 1.2            | 1.0            |     |     |
| 505 |      | 34                              | -7.3           | +23.7          | -15.0          | ∞              | ∞              | ∞              | 1.2 |     |
| 506 |      | 47                              |                |                |                |                |                | 0.9            |     |     |
| 507 |      | 58                              |                |                |                |                |                | 0.7            |     |     |
| 508 |      | 4 31                            | -0.2           | -1.0           | +0.2           | 7.5            | 8.4            | 6.6            | 1.0 |     |
| 509 |      | 33                              |                |                |                | 1.5            | 1.5            | 0.7            |     |     |
| 510 |      | 33                              |                |                |                | 0.6            | 1.1            | 0.3            |     |     |
| 511 |      | 37                              | +0.4           | +1.2           | -0.7           | 17.0           | 12.0           | 5.5            | 1.3 |     |
| 512 |      | 39                              |                |                |                | 1.1            | 1.1            | 0.5            |     |     |
| 513 |      | 40                              |                |                |                | 1.0            | 1.5            |                |     |     |
| 514 |      | 5 11                            |                |                |                | 1.4            | 1.0            | 0.4            |     |     |
| 515 |      | 50                              |                |                |                | 0.8            | 1.0            | 0.5            |     |     |
| 516 |      | 8 29                            |                |                |                | 0.6            | 0.8            | 0.3            |     |     |
| 517 |      | 29                              | 0.0            | -0.2           | +0.15          | 3.7            | 7.8            | 3.1            | 1.1 |     |
| 518 |      | 10 47                           |                | +0.3           | -0.1           | 1.7            | 3.8            | 1.2            | 1.1 |     |
| 519 |      | 11 55                           |                |                |                |                |                | 0.4            |     |     |
| 520 |      | 13 34                           | 0.0            | +0.17          | -0.3           | 2.5            | 2.5            | 1.5            | 0.8 |     |
| 521 |      | 14 52                           |                |                |                | 1.0            | 1.0            | 0.6            |     |     |
| 522 |      | 19 57                           | -0.25          | -0.6           | +0.6           | 2.8            | 3.4            | 2.2            | 1.2 |     |
| 523 |      | 20 44                           | -3.0           | +3.4           | +6.3           | ∞              | ∞              | ∞              | 1.3 | 有 感 |
| 524 |      | 45                              |                |                |                | ∞              | ∞              | ∞              |     | 有 感 |
| 525 |      | 49                              | +0.7           | -1.0           | +2.0           | 56.0           | ∞              | 52.0           | 1.3 |     |
| 526 |      | 21 04                           |                |                |                | 2.1            | 3.0            | 1.3            |     |     |
| 527 |      | 22 41                           |                |                |                | 0.6            | 0.9            | 0.3            |     |     |
| 528 |      | 41                              |                |                |                | 0.6            | 0.9            | 0.3            |     |     |

| 番 號 | 月 日  | 時 分                            | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|------|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |      |                                | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 529 | I 28 | 5 <sup>h</sup> 29 <sup>m</sup> |                |                |                | 0.9            | 0.6            | 0.5            |     |     |
| 530 |      | 6 25                           |                |                |                | 1.7            | 2.0            | 1.3            |     |     |
| 531 |      | 9 03                           | +0.1           | -4.0           | +2.9           | ∞              | ∞              | ∞              | 2.3 |     |
| 532 |      | 11 22                          | 0.0            | -0.1           |                | 2.8            | 3.7            | 4.5            | 1.4 |     |
| 533 |      | 27                             |                |                |                | 0.6            | 0.8            | 0.7            |     |     |
| 534 |      | 13 10                          |                |                |                | 1.2            | 2.2            | 0.6            |     |     |
| 535 |      | 14 50                          |                |                |                | 0.6            | 1.0            | 0.5            |     |     |
| 536 |      | 15 51                          |                |                |                | 1.1            | 1.4            | 0.5            |     |     |
| 537 |      | 55                             | -0.5           | +0.4           | -0.7           | 36.3           | 12.2           | 10.0           | 2.0 |     |
| 538 |      | 16 00                          |                |                |                | 1.8            | 2.5            | 1.6            |     |     |
| 539 |      | 22 05                          |                |                |                | 0.8            | 2.0            | 0.4            |     |     |
| 540 |      | 23 05                          |                |                |                | 1.1            | 1.2            | 0.6            |     |     |
| 541 |      | 29 0 16                        |                |                |                | 0.5            | 0.9            | 0.4            |     |     |
| 542 |      | 3 29                           |                |                |                | 0.8            | 0.8            | 0.2            |     |     |
| 543 |      | 32                             |                |                |                | 0.9            | 1.1            | 0.4            |     |     |
| 544 |      | 49                             |                |                |                | 2.3            | 2.9            | 1.4            |     |     |
| 545 |      | 55                             |                |                |                | 0.5            | 0.6            | 0.5            |     |     |
| 546 |      | 5 34                           |                |                |                | 0.6            | 0.6            | 0.4            |     |     |
| 547 |      | 9 00                           |                |                |                | 0.9            | 1.3            | 1.0            |     |     |
| 548 |      | 11 53                          |                |                |                | 5.5            | 2.5            | 3.4            | 1.5 |     |
| 549 |      | 12 22                          | 0.0            | -0.3           | -0.25          | 6.4            | 4.0            | 2.2            | 1.3 |     |
| 550 |      | 13 06                          |                |                |                | 1.5            | 1.1            | 0.6            |     |     |
| 551 |      | 21                             |                |                |                | 0.8            | 0.7            | 0.3            |     |     |
| 552 |      | 21                             | -1.0           | -4.3           | +4.6           | ∞              | ∞              | 46.2           | 1.0 | 有 感 |
| 553 |      | 29                             |                |                |                | 0.9            | 1.0            | 0.4            |     |     |
| 554 |      | 14 13                          |                |                |                | 0.7            | 1.1            | 0.4            |     |     |
| 555 |      | 23 57                          |                |                |                | 0.5            | 1.2            | 0.3            |     |     |
| 556 |      | 30 6 03                        |                |                |                | 1.6            | 1.6            | 1.0            |     |     |
| 557 |      | 14 18                          |                |                |                | 0.7            | 1.6            | 0.7            |     |     |
| 558 |      | 16 27                          |                |                |                | 1.0            | 1.4            | 1.0            |     |     |
| 559 |      | 19 24                          |                |                |                | 1.2            | 1.4            | 1.3            |     |     |
| 560 |      | 45                             | -0.25          | -0.2           | +0.45          | 3.5            | 3.1            | 2.3            | 1.3 |     |
| 561 |      | 20 06                          |                |                |                | 0.7            | 1.2            | 0.5            |     |     |

| 番 號 | 月 日  | 時 分                            | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|------|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |      |                                | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 562 | I 31 | 0 <sup>h</sup> 29 <sup>m</sup> |                |                |                | 1.4            | 1.9            | 2.0            | 1.1 |     |
| 563 |      | 1 01                           |                |                |                | 1.0            | 1.0            | 0.6            |     |     |
| 564 |      | 29                             |                |                |                | 1.2            | 2.2            | 0.7            |     |     |
| 565 |      | 30                             |                |                |                | 1.7            | 2.7            | 0.8            |     |     |
| 566 |      | 31                             |                |                |                | 3.0            | 8.4            | 4.5            | 1.3 |     |
| 567 |      | 57                             |                |                |                | 2.5            | 2.4            | 1.9            | 1.3 |     |
| 568 |      | 2 20                           |                |                |                | 0.6            | 1.2            | 0.6            |     |     |
| 569 |      | 22                             |                |                |                | 2.3            | 0.5            | 2.0            |     |     |
| 570 |      | 3 28                           |                |                |                | 1.6            | 1.1            | 0.7            |     |     |
| 571 |      | 30                             |                |                |                | 3.7            | 2.1            | 1.6            | 1.6 |     |
| 572 |      | 4 28                           | +0.5           | +1.5           | +1.6           | 55.0           | 17.4           | 8.8            | 1.1 |     |
| 573 |      | 47                             |                |                |                | 0.4            | 0.7            | 0.4            |     |     |
| 574 |      | 5 12                           | -1.1           | +0.35          | +0.6           | ∞              | ∞              | 21.5           | 1.7 |     |
| 575 |      | 12                             |                |                |                |                |                | 8.5            |     |     |
| 576 |      | 14                             |                |                |                | 3.4            | 5.2            | 2.8            |     |     |
| 577 |      | 54                             | -0.3           | -0.6           | +0.3           | 36.0           | 20.0           | 13.0           | 1.7 |     |
| 578 |      | 6 01                           |                |                |                | 1.3            | 2.2            | 0.9            |     |     |
| 579 |      | 7 54                           |                | -0.3           | -0.45          | 2.9            | 2.1            | 3.3            | 1.0 |     |
| 580 |      | 11 15                          |                |                |                | 1.6            | 2.1            | 1.5            |     |     |
| 581 |      | 14 33                          |                |                |                | 5.8            | 2.8            | 4.4            | 1.0 |     |
| 582 |      | 15 50                          |                |                |                | 8.0            | 2.3            | 1.9            |     |     |
| 583 |      | 31 17 06                       | +1.1           | -0.4           | -2.9           | 39.0           | 30.5           | 15.5           | 1.4 |     |
| 584 |      | 15                             |                |                |                | 3.5            | 4.2            | 1.4            |     |     |
| 585 |      | 30                             | -1.5           | -2.0           | +0.6           | ∞              | 35.0           | 27.0           | 0.9 |     |
| 586 |      | 20 27                          |                |                |                | 1.1            | 1.0            | 0.5            |     |     |
| 587 |      | 28                             | +0.05          | -0.2           | -0.2           | 7.6            | 14.5           | 4.2            | 1.6 |     |
| 588 |      | 29                             |                |                |                | 0.6            | 1.5            | 0.5            |     |     |
| 589 |      | 21 50                          |                |                |                | 1.0            | 1.2            | 0.5            |     |     |
| 590 |      | 51                             |                |                |                | 1.3            | 0.9            | 0.5            |     |     |
| 591 |      | 22 13                          | -0.45          | +3.1           | -3.8           | ∞              | ∞              | ∞              | 1.5 |     |
| 592 |      | 49                             | +0.3           | +0.3           | -0.4           | 12.3           | 15.0           | 11.7           | 1.2 |     |
| 593 | II 1 | 3 21                           |                |                |                | 5.4            | 4.6            | 2.1            |     |     |
| 594 |      | 22                             |                |                |                | 1.3            | 1.0            | 1.1            |     |     |

| 番 號 | 月 日 | 時 分                            | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|-----|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |     |                                | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>M</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 595 | Ⅱ 1 | 7 <sup>h</sup> 58 <sup>m</sup> |                |                |                | 2.2            | 1.4            | 0.7            |     |     |
| 596 |     | 8 56                           | -0.2           | -0.4           | +0.7           | 22.4           | 7.0            | 7.8            | 1.2 |     |
| 597 |     | 9 13                           |                |                |                | 5.7            | 4.3            | 2.0            | 1.8 |     |
| 598 |     | 10 28                          |                |                |                | 3.2            | 3.3            | 1.0            |     |     |
| 599 |     | 40                             |                |                |                | 1.9            | 1.8            | 1.4            |     |     |
| 600 |     | 11 56                          | +0.2           | -0.2           | -1.4           | 5.7            | 5.5            | 7.0            | 1.2 |     |
| 601 |     | 13 27                          |                |                |                | 2.6            | 1.7            | 0.8            |     |     |
| 602 |     | 17 51                          |                |                |                | 0.6            | 1.2            | 0.4            |     |     |
| 603 |     | 18 59                          |                |                |                | 2.9            | 1.6            | 1.5            |     |     |
| 604 |     | 22 00                          | +0.25          | -0.5           | -0.25          | 2.3            | 2.0            | 1.4            | 0.8 |     |
| 605 | 2   | 0 09                           |                |                |                | 2.7            | 5.5            | 3.0            | 0.9 |     |
| 606 |     | 4 15                           |                |                |                | 2.0            | 1.5            | 1.9            |     |     |
| 607 |     | 41                             | +0.6           | +0.6           | -0.5           | 33.5           | 21.0           | 10.8           | 1.0 |     |
| 608 |     | 47                             | -0.5           | +0.4           | -0.3           | 2.7            | 3.4            | 1.2            | 1.9 |     |
| 609 |     | 6 57                           |                |                |                | 1.6            | 2.0            | 1.1            | 1.4 |     |
| 610 |     | 7 11                           |                |                |                | 5.3            | 3.5            | 2.2            | 0.9 |     |
| 611 |     | 51                             |                |                |                | 2.2            | 4.1            | 2.5            | 0.7 |     |
| 612 |     | 8 16                           |                |                |                | 3.0            | 2.0            | 1.4            |     |     |
| 613 |     | 46                             |                |                |                | 4.0            | 3.1            | 2.0            | 0.9 |     |
| 614 |     | 10 47                          |                |                |                | 3.3            | 3.0            | 1.5            | 1.3 |     |
| 615 |     | 50                             |                |                |                | 1.5            | 2.5            | 0.5            |     |     |
| 616 |     | 51                             | -0.4           | -0.2           | +0.7           |                |                |                | 1.5 |     |
| 617 |     | 53                             | +0.4           | +0.2           | +0.3           | 9.0            | 9.0            | 3.5            | 1.3 |     |
| 618 |     | 11 44                          |                |                |                | 1.5            | 1.2            | 1.6            | 1.3 |     |
| 619 |     | 13 23                          |                |                |                | 2.1            | 2.2            | 0.8            |     |     |
| 620 |     | 30                             |                |                |                | 6.2            | 5.7            | 8.0            | 1.3 |     |
| 621 |     | 52                             | +0.4           | +3.5           | -3.0           | ∞              | ∞              | ∞              | 1.5 | 有 感 |
| 622 |     | 56                             |                |                |                | 12.0           |                | 8.0            |     |     |
| 623 |     | 14 21                          |                |                |                | 3.5            | 4.6            | 14.0           | 1.5 |     |
| 624 |     | 15 00                          |                |                |                | 4.8            | 5.2            | 2.0            |     |     |
| 625 |     | 17 51                          |                |                |                | 6.0            | 4.0            | 2.3            |     |     |
| 626 |     | 51                             |                |                |                | 2.3            | 2.3            | 1.0            |     |     |
| 627 |     | 55                             |                |                |                | 2.7            | 2.3            | 1.5            |     |     |

| 番 號 | 月 日 | 時 分                              | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|-----|----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |     |                                  | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 628 | Ⅱ 2 | 18 <sup>h</sup> 38 <sup>na</sup> | +0.1           | +0.2           | -0.35          | 4.7            | 5.1            | 3.2            | 2.0 |     |
| 629 |     | 48                               |                |                |                | 1.8            | 1.7            | 1.0            |     |     |
| 630 |     | 19 59                            |                |                |                | 2.5            | 2.6            | 0.7            |     |     |
| 631 |     | 21 08                            |                |                |                | 0.7            |                | 0.5            |     |     |
| 632 |     | 54                               |                |                |                | 3.3            | 3.0            | 6.3            |     |     |
| 633 |     | 22 09                            |                |                |                | 0.7            | 1.5            | 0.5            |     |     |
| 634 |     | 23 05                            |                |                |                | 1.0            | 1.2            | 1.0            |     |     |
| 635 | 3   | 27                               | +0.4           | -3.1           | 0.0            | ∞              | ∞              | ∞              | 1.2 | 有 感 |
| 636 |     | 0 03                             |                |                |                | 0.4            | 1.8            | 0.4            |     |     |
| 637 |     | 15                               |                |                |                | 2.6            | 2.2            | 2.0            |     |     |
| 638 |     | 32                               |                |                |                | 4.7            | 4.4            | 3.5            |     |     |
| 639 |     | 38                               | +0.3           | +0.6           | +0.4           | 5.4            | 5.1            | 6.0            |     |     |
| 640 |     | 34                               | +0.2           | -0.2           | +0.4           | 15.4           | 7.8            | 8.0            |     |     |
| 641 |     | 35                               | -0.3           | -0.3           | +0.65          | ∞              | 31.5           | 22.8           |     |     |
| 642 |     | 35                               |                |                |                | 0.9            | 0.9            | 0.9            |     |     |
| 643 |     | 36                               |                |                |                | 1.7            | 2.0            | 2.1            |     |     |
| 644 |     | 37                               |                |                |                | 2.8            | 2.5            | 2.7            |     |     |
| 645 |     | 38                               |                |                |                | 1.2            | 2.0            | 1.1            |     |     |
| 646 |     | 40                               |                |                |                | 1.1            | 1.1            | 0.8            |     |     |
| 647 |     | 49                               | ?              | +0.3           | -0.7           | 3.1            | 6.0            | 4.6            | 0.9 |     |
| 648 |     | 52                               |                |                |                | 1.2            | 1.3            | 1.1            |     |     |
| 649 |     | 1 06                             | -0.1           | -0.3           | +0.3           | 12.0           | 7.0            | 6.0            | 1.0 |     |
| 650 |     | 07                               |                |                |                | 1.3            | 0.9            | 0.8            |     |     |
| 651 |     | 24                               |                |                |                | 1.8            | 3.0            | 1.1            |     |     |
| 652 |     | 25                               |                | -0.2           | +0.1           | 6.0            | 5.0            | 5.6            |     |     |
| 653 |     | 47                               |                |                |                | 2.3            | 1.8            | 0.9            |     |     |
| 654 |     | 58                               |                |                |                | 2.0            | 1.2            | 1.4            |     |     |
| 655 |     | 2 23                             |                |                |                | 0.6            | 0.5            | 0.5            |     |     |
| 656 |     | 34                               | -0.4           | +0.5           | +0.5           | 13.5           | 9.0            | 9.8            |     |     |
| 657 |     | 39                               |                |                |                | 0.9            | 1.0            | 0.5            |     |     |
| 658 |     | 47                               | -0.4           | +0.5           | -0.2           | 6.0            | 4.5            | 4.3            |     |     |
| 659 |     | 4 51                             | +0.2           | -0.6           | +0.6           | 8.0            | 10.0           | 7.3            | 0.8 |     |
| 660 |     | 5 25                             |                |                |                | 2.4            | 3.9            | 1.6            |     |     |

| 番 號 | 月 日 | 時 分                            | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|-----|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |     |                                | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 661 | Ⅱ 3 | 6 <sup>h</sup> 50 <sup>m</sup> |                |                |                | 6.2            | 4.8            | 3.0            |     |     |
| 662 |     | 7 10                           |                |                |                | 0.8            | 0.7            | 0.7            |     |     |
| 663 |     | 13 25                          |                |                |                | 2.0            | 1.6            | 1.7            |     |     |
| 664 |     | 15 26                          | -0.9           | +1.6           | -4.8           |                | 19.8           | 31.2           | 0.8 |     |
| 665 |     | 52                             |                |                |                | 1.6            | 1.7            | 1.5            |     |     |
| 666 |     | 16 00                          |                |                |                | 1.1            | 2.2            | 0.8            |     |     |
| 667 |     | 01                             | -0.85          | -0.9           | +1.1           | 5.4            | 8.5            | 3.0            | 1.5 |     |
| 668 |     | 03                             | +0.4           | +0.5           | +1.3           | 24.0           | 25.0           | 11.0           | 1.5 |     |
| 669 |     | 18 48                          |                |                |                | 1.8            | 2.5            | 3.5            |     |     |
| 670 |     | 21 51                          |                |                |                | 1.1            | 0.7            | 1.2            |     |     |
| 671 | 4   | 0 14                           | -0.5           | -0.3           | +0.45          | 4.2            | 7.6            | 2.1            | 1.6 |     |
| 672 |     | 1 51                           |                |                |                | 3.0            | 2.0            | 1.2            |     |     |
| 673 |     | 3 22                           |                |                |                | 1.9            | 2.4            | 2.0            |     |     |
| 674 |     | 44                             | +0.2           | +1.1           | -3.8           | 8.0            | 6.5            | 7.0            | 1.6 |     |
| 675 |     |                                | -0.4           | +0.2           | +0.5           | 55.0           |                | 10.5           | 1.6 |     |
| 676 |     | 4 12                           | +0.5           | -0.9           | -2.6           | 4.0            | 11.8           | 13.5           | 1.6 |     |
| 677 |     | 5 26                           |                |                |                | 2.5            | 4.0            | 1.5            |     |     |
| 678 |     | 6 00                           |                |                |                | 1.2            | 1.0            | 0.6            |     |     |
| 679 |     | 18                             | -0.2           | -0.6           | +0.5           | 8.4            | 5.9            | 3.5            | 1.6 |     |
| 680 |     | 23                             |                | +0.25          | -0.4           | 4.2            | 5.3            | 2.9            | 2.0 |     |
| 681 |     | 7 09                           | +0.0           | -0.4           | -0.3           | 11.0           | 6.7            | 3.3            | 1.6 |     |
| 682 |     | 8 02                           |                |                |                |                | 1.6            | 1.3            |     |     |
| 683 |     | 02                             |                |                |                |                | 1.6            | 2.2            |     |     |
| 684 |     | 9 28                           |                |                |                |                | 1.4            | 0.8            |     |     |
| 685 |     | 10 23                          |                | -0.2           | +0.3           | 2.2            | 2.4            | 1.6            |     |     |
| 686 |     | 11 17                          |                |                |                | 1.8            | 2.3            | 1.3            |     |     |
| 687 |     | 12 13                          |                |                |                |                | 1.8            | 1.0            |     |     |
| 688 |     | 49                             |                |                |                | 0.8            | 1.4            | 1.1            |     |     |
| 689 |     | 55                             |                |                |                | 3.0            | 3.6            | 2.9            |     |     |
| 690 |     | 14 14                          |                |                |                | 6.0            | 11.5           | 7.0            | 1.4 |     |
| 691 |     | 27                             |                |                |                | 1.4            | 1.4            | 1.2            |     |     |
| 692 |     | 22                             |                |                |                | 3.2            | 2.7            | 3.0            | 1.5 |     |
| 692 |     | 50                             |                |                |                | 1.3            | 0.8            | 1.3            |     |     |

| 番 號 | 月 日 | 時 分                             | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|-----|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |     |                                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 694 | Ⅱ 4 | 15 <sup>h</sup> 02 <sup>m</sup> | -0.2           | -0.7           | -0.6           | 3.0            | 3.0            | 2.3            | 1.6 | 有 感 |
| 695 |     | 30                              |                |                |                | 1.5            | 1.5            | 1.6            |     |     |
| 696 |     | 38                              | -0.2           | +0.4           | -0.6           |                |                | 42.5           | 1.6 |     |
| 697 |     | 44                              |                |                |                | ∞              | ∞              | ∞              |     |     |
| 698 |     | 55                              |                |                |                | 1.4            | 2.0            | 1.3            |     |     |
| 699 |     | 16 28                           |                |                |                | 41.0           | 18.7           | 10.5           | 1.4 |     |
| 700 |     | 19 08                           |                |                |                | 1.0            | 1.1            | 0.7            |     |     |
| 701 |     | 23 14                           |                | -0.7           | -0.3           | 2.3            | 3.3            | 2.5            | 1.4 |     |
| 702 |     | 5 0 10                          | +0.2           | -4.4           | -7.0           | ∞              | ∞              | ∞              | 0.9 |     |
| 708 |     | 30                              |                |                |                | 0.9            | 1.1            | 0.5            |     |     |
| 704 | 5   | 30                              |                |                |                | 1.2            | 2.0            | 0.7            |     | 有 感 |
| 705 |     | 2 32                            |                |                |                | 18.4           | 12.0           | 8.8            |     |     |
| 706 |     | 55                              |                |                |                | 1.6            | 2.5            | 0.8            |     |     |
| 707 |     | 3 11                            |                |                |                | 1.5            | 1.5            | 0.9            |     |     |
| 708 |     | 21                              |                |                |                | 0.8            | 1.6            | 0.5            |     |     |
| 709 |     | 7 10                            |                |                |                | 1.4            | 2.3            | 1.4            |     |     |
| 710 |     | 9 49                            | -0.2           | +0.3           | -0.55          | 3.2            | 5.8            | 3.4            | 1.1 |     |
| 711 |     | 53                              |                |                |                | 0.9            | 1.3            | 0.8            |     |     |
| 712 |     | 10 20                           |                |                |                | 1.3            | 2.6            | 1.7            |     |     |
| 713 |     | 12 32                           |                | +0.1           | +0.25          | 5.8            | 4.1            | 2.3            | 1.2 |     |
| 714 | 6   | 23                              |                |                |                | 6.7            | 4.5            | 2.7            | 2.7 | 有 感 |
| 715 |     | 26                              |                |                |                | 1.8            | 1.4            | 0.7            |     |     |
| 716 |     | 13 02                           | +0.45          | -8.1           | +8.1           | ∞              | ∞              | ∞              |     |     |
| 717 |     | 14 31                           |                | -0.5           | +0.3           | 8.0            | 6.0            | 3.8            | 1.2 |     |
| 718 |     | 15 00                           | +0.3           | -0.4           | +0.3           | 6.4            | 5.0            | 2.9            | 1.4 |     |
| 719 |     | 16 53                           |                |                |                | 1.0            | 1.5            | 0.6            |     |     |
| 720 |     | 18 38                           |                | +0.2           | -0.3           | 4.0            | 5.7            | 5.5            | 1.2 |     |
| 721 |     | 45                              |                |                |                | 1.9            | 2.5            | 1.7            |     |     |
| 722 |     | 20 39                           | -0.4           | +0.2           | +1.2           | 16.0           | 19.0           | 6.1            | 1.0 |     |
| 723 |     | 22 15                           |                |                |                | 1.8            | 1.6            | 1.0            |     |     |
| 724 | 6   | 5 44                            |                |                |                | 2.7            | 1.6            | 0.7            |     |     |
| 725 |     | 6 50                            |                |                |                | 2.6            | 1.6            | 1.4            |     |     |
| 726 |     | 8 14                            |                |                |                | 1.2            | 1.3            | 0.8            |     |     |



| 番 號 | 月 日 | 時 分   | 初 動                             |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |  |
|-----|-----|-------|---------------------------------|----------------|----------------|----------------|----------------|----------------|-----|-----|--|
|     |     |       | P <sub>N</sub>                  | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |  |
| 727 | Ⅱ   | 6     | 11 <sup>h</sup> 07 <sup>m</sup> |                |                |                | 2.7            | 1.3            | 1.4 |     |  |
| 728 |     | 12 06 |                                 |                |                | 3.0            | 2.5            | 0.6            |     |     |  |
| 729 |     | 18    | -0.5                            | +0.4           | -0.9           | 5.0            | 5.3            | 3.9            | 1.9 |     |  |
| 730 |     | 13 17 |                                 |                |                | 1.4            | 1.6            | 1.3            |     |     |  |
| 731 |     | 15 15 |                                 |                |                | 1.9            | 2.5            | 1.9            |     |     |  |
| 732 |     | 35    | -0.4                            | -0.5           | -1.2           | 19.0           | 12.0           | 8.0            | 1.2 |     |  |
| 733 |     | 47    |                                 |                |                | 2.6            | 2.6            | 2.0            | 2.0 |     |  |
| 734 |     | 16 17 | -70.0                           | +0.4           | +54.0          | ∞              | ∞              | ∞              | 1.2 | 有 感 |  |
| 735 |     | 20    | +0.4                            | +3.1           |                | ∞              | ∞              | ∞              | 1.3 | 有 感 |  |
| 736 |     | 21    |                                 |                |                |                |                |                |     |     |  |
| 737 |     | 22    |                                 |                |                |                |                |                |     |     |  |
| 738 |     | 22    |                                 |                |                |                |                |                |     |     |  |
| 739 |     | 24    |                                 |                |                | 0.9            | 1.1            |                |     |     |  |
| 740 |     | 25    |                                 |                |                | 0.9            | 1.0            |                |     |     |  |
| 741 |     | 25    |                                 |                |                | 2.6            | 2.3            |                |     |     |  |
| 742 |     | 37    |                                 |                |                | 2.0            | 2.1            |                |     |     |  |
| 743 |     | 39    |                                 |                |                | 2.0            | 4.1            |                |     |     |  |
| 744 |     | 40    | +0.2                            | -0.8           |                | 13.5           | 18.0           |                | 1.0 |     |  |
| 745 |     | 42    |                                 |                |                | 1.1            | 1.4            |                |     |     |  |
| 746 |     | 43    |                                 |                |                | 1.0            | 1.2            |                |     |     |  |
| 747 |     | 43    |                                 |                |                | 3.2            | 3.0            |                |     |     |  |
| 748 |     | 46    |                                 |                |                | 0.6            | 1.1            |                |     |     |  |
| 749 |     | 17 03 |                                 |                |                | 12.0           | 7.0            |                |     |     |  |
| 750 |     | 20    |                                 |                |                | 10.0           | 12.0           |                |     |     |  |
| 751 |     | 43    |                                 |                |                | 1.3            | 1.4            |                |     |     |  |
| 752 |     | 55    |                                 |                |                | 2.1            | 2.4            |                |     |     |  |
| 753 |     | 18 14 | -0.2                            | +0.3           |                | 4.0            | 2.2            |                | 1.2 |     |  |
| 754 |     | 19 18 |                                 |                |                | 5.3            | 4.2            |                | 1.2 |     |  |
| 755 |     | 26    |                                 |                |                | 3.8            | 3.3            |                | 1.2 |     |  |
| 756 |     | 58    |                                 |                |                | 1.4            | 1.5            |                |     |     |  |
| 757 |     | 59    |                                 |                |                | 5.4            | 4.1            | 1.9            | 1.0 |     |  |
| 758 |     | 20 17 |                                 |                |                | 1.6            | 1.6            | 0.5            |     |     |  |
| 759 |     | 23    | -0.2                            | -0.7           |                | 4.4            | 4.1            | 2.3            | 1.0 |     |  |

| 番 號 | 月 日 | 時 分                             | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|-----|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |     |                                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 760 | Ⅱ 6 | 20 <sup>h</sup> 58 <sup>m</sup> |                |                |                | 7.7            | 7.7            | 7.2            |     |     |
| 761 |     | 59                              | +0.15          | -0.4           | +0.35          | 8.8            | 5.3            | 2.7            | 1.6 |     |
| 762 |     | 21 37                           | +0.1           | -0.2           | +0.15          | 108.0          | ∞              | 45.4           | 1.5 | 有 感 |
| 763 |     | 51                              | +0.4           |                | +1.8           | 13.5           | 10.0           | 7.4            | 1.2 |     |
| 764 |     | 57                              |                |                |                | 7.5            | 5.3            | 3.8            | 1.2 |     |
| 765 | 7   | 0 02                            |                |                |                | 0.7            | 1.0            | 0.7            |     |     |
| 766 |     | 50                              |                |                |                | 2.7            | 1.8            | 0.9            |     |     |
| 767 |     | 50                              |                |                |                | 3.1            | 2.5            | 1.4            |     |     |
| 768 |     | 1 19                            |                |                |                | 1.2            | 1.8            | 0.4            |     |     |
| 769 |     | 2 36                            |                |                |                | 12.0           | 17.0           | 11.0           | 1.2 |     |
| 770 |     | 37                              |                |                |                | 1.5            | 1.6            | 2.2            |     |     |
| 771 |     | 3 18                            |                |                |                | 1.7            | 1.5            | 0.9            |     |     |
| 772 |     | 21                              |                |                |                | 1.3            | 2.7            | 1.6            |     |     |
| 773 |     | 38                              |                |                |                | 6.0            | 3.0            | 4.3            |     |     |
| 774 |     | 5 01                            |                |                |                | 3.1            | 2.2            | 1.9            |     |     |
| 775 |     | 6 20                            |                |                |                | 5.8            | 3.6            | 2.0            |     |     |
| 776 |     | 21                              |                |                |                | 7.5            | 1.0            | 5.0            |     |     |
| 777 |     | 25                              |                |                |                | 5.5            | 18.6           | 3.2            |     |     |
| 778 |     | 30                              |                |                |                | 2.2            | 1.7            | 1.2            |     |     |
| 779 |     | 34                              |                |                |                | 1.5            | 1.0            | 0.6            |     |     |
| 780 |     | 7 20                            |                |                |                | 2.3            | 2.1            | 2.0            |     |     |
| 781 |     | 32                              |                |                |                | 28.0           | 13.5           | 8.7            |     |     |
| 782 |     | 8 10                            |                |                |                | 2.1            | 2.8            | 1.9            |     |     |
| 783 |     | 10 08                           | +10.3          | -4.1           | +0.25          | ∞              | ∞              | ∞              |     | 有 感 |
| 784 |     | 11                              |                |                |                | 3.3            | 2.6            | 1.0            |     |     |
| 785 |     | 15                              |                |                |                | 3.9            | 2.7            | 1.6            |     |     |
| 786 |     | 28                              | +87.0          | -0.15          | +0.5           | ∞              | ∞              | ∞              |     | 有 感 |
| 787 |     | 35                              |                |                |                | 0.5            |                | 10.0           |     |     |
| 788 |     | 38                              |                |                |                | 2.5            |                | 1.2            |     |     |
| 789 |     | 54                              |                |                |                | 4.0            | 2.4            | 2.0            |     |     |
| 790 |     | 11 11                           |                |                |                | 6.0            | 6.5            | 4.2            |     |     |
| 791 |     | 15                              |                |                |                | 2.8            | 2.0            | 1.7            |     |     |
| 792 |     | 43                              | +0.2           | +0.5           | -0.5           | 18.0           | 11.7           | 4.5            | 0.9 |     |

| 番 號 | 月 日 | 時 分                             | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|-----|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |     |                                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 798 | Ⅱ 7 | 12 <sup>h</sup> 03 <sup>m</sup> |                |                |                | 0.9            | 1.6            | 0.2            |     |     |
| 794 |     | 03                              |                |                |                | 1.9            | 2.2            | 0.7            |     |     |
| 795 |     | 04                              |                |                |                | 2.4            | 3.7            | 1.2            |     |     |
| 796 |     | 05                              |                |                |                | 3.5            | 3.1            | 1.1            |     |     |
| 797 |     | 24                              |                | +0.2           | +0.7           | 2.7            | 3.8            | 2.9            |     |     |
| 798 |     | 13 50                           |                |                |                | 2.9            | 3.0            | 1.5            |     |     |
| 799 |     | 14 14                           |                |                |                | 3.6            | 2.3            | 0.8            |     |     |
| 800 |     | 17                              |                |                |                | 2.7            | 2.4            | 0.6            |     |     |
| 801 |     | 15 04                           |                |                |                | 1.0            | 1.4            | 0.5            |     |     |
| 802 |     | 13                              |                |                |                | 1.4            | 1.7            | 1.6            |     |     |
| 803 |     | 16 40                           | -0.3           |                | -19.4          | ∞              |                | 32.0           | 1.8 |     |
| 804 |     | 43                              |                |                |                |                |                | 3.2            |     |     |
| 805 |     | 17 36                           |                |                |                | 2.3            | 2.3            | 0.6            |     |     |
| 806 |     | 19 40                           | -0.4           | +5.7           | -4.4           | 176.0          | 30.0           | 35.0           | 1.8 |     |
| 807 |     | 20 00                           |                |                |                | 0.9            | 2.0            | 0.4            |     |     |
| 808 |     | 23                              |                |                |                | 1.5            | 2.7            | 1.6            |     |     |
| 809 |     | 21 48                           |                |                |                | 1.7            | 4.0            | 1.5            |     |     |
| 810 |     | 22 58                           | +0.4           | -0.6           | +0.5           | 4.0            | 6.3            | 2.5            | 0.9 |     |
| 811 |     | 23 41                           |                |                |                | 8.0            | 4.2            | 1.8            |     |     |
| 812 |     | 8 5 57                          |                | +0.3           | +0.4           | 4.0            | 9.0            | 5.5            | 1.1 |     |
| 813 |     | 13 05                           |                |                |                | 2.6            | 2.1            | 2.5            |     |     |
| 814 |     | 14 37                           |                |                |                | 0.7            | 1.4            | 0.5            |     |     |
| 815 |     | 16 32                           |                |                |                | 1.0            | 0.9            | 0.5            |     |     |
| 816 |     | 18 40                           |                |                |                | 0.0            | 1.4            | 0.5            |     |     |
| 817 |     | 40                              |                |                |                | 1.0            | 2.5            | 1.1            |     |     |
| 818 |     | 20 04                           | -0.3           | +0.3           | +0.8           | 5.2            | 10.5           | 3.2            | 1.5 |     |
| 819 |     | 25                              |                |                |                | 1.9            | 1.6            | 0.9            |     |     |
| 820 |     | 21 45                           |                |                |                | 0.8            | 2.4            | 0.5            |     |     |
| 821 |     | 22 17                           |                |                |                | 4.6            | 5.0            | 3.6            | 0.9 |     |
| 822 |     | 17                              |                |                |                | 4.1            | 5.1            | 3.1            |     |     |
| 823 |     | 21                              |                |                |                | 0.5            | 1.2            | 0.5            |     |     |
| 824 |     | 23 19                           |                |                |                | 0.8            | 1.6            | 0.5            |     |     |
| 825 | 9   | 0 50                            | -0.15          | +0.15          | +3.5           | 47.0           | 30.3           | 14.9           | 1.8 |     |

| 番 號 | 月 日 | 時 分                            | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|-----|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |     |                                | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 826 | Ⅱ 9 | 0 <sup>h</sup> 57 <sup>m</sup> | -0.3           | +0.3           | +5.6           | ∞              | ∞              | 45.0           | 1.8 | 有 感 |
| 827 |     | 1 02                           | -0.35          | -0.6           | +2.7           | ∞              | ∞              | 42.8           | 6.5 |     |
| 828 |     | 05                             |                | -0.2           | +0.4           | 3.5            | 3.0            | 1.6            | 0.9 |     |
| 829 |     | 09                             |                |                |                | 1.0            | 1.8            | 0.6            |     |     |
| 830 |     | 18                             |                |                |                | 0.0            | 1.7            | 0.3            |     |     |
| 831 |     | 2 37                           |                |                |                | 2.8            | 2.7            | 1.4            | 1.4 |     |
| 832 |     | 37                             |                |                |                | 2.0            | 2.2            | 1.0            | 1.4 |     |
| 833 |     | 3 15                           | +0.1           | -0.5           | +0.15          | 21.0           | 24.4           | 18.5           | 1.4 |     |
| 834 |     | 23                             |                |                |                | 1.2            | 2.4            | 1.6            |     |     |
| 835 |     | 4 41                           | +0.2           | +0.2           | -0.3           | 2.9            | 4.2            | 1.6            | 0.9 |     |
| 836 |     | 6 53                           | +0.8           | +4.2           | +38.5          | ∞              | ∞              | ∞              |     | 有 感 |
| 837 |     | 57                             |                |                |                | 4.8            | 3.5            |                |     |     |
| 838 |     | 58                             |                |                |                | 0.0            | 1.6            |                |     |     |
| 839 |     | 59                             |                |                |                | 0.5            | 2.3            |                |     |     |
| 840 |     | 7 02                           |                | +0.4           | +1.6           | 8.2            | 7.2            | 7.3            | 1.2 |     |
| 841 |     | 07                             |                |                |                | 1.1            | 2.5            | 0.3            |     |     |
| 842 |     | 48                             |                |                |                | 1.0            | 1.7            | 0.3            |     |     |
| 843 |     | 59                             |                |                |                | 0.9            | 1.7            | 0.5            |     |     |
| 844 |     | 8 01                           |                |                |                | 1.0            | 1.8            | 0.5            |     |     |
| 845 |     | 07                             | -0.4           | -1.1           | -2.1           | 14.0           | ∞              | 42.0           | 1.8 |     |
| 846 |     | 9 30                           |                |                |                | 1.6            | 2.5            | 0.3            |     |     |
| 847 |     | 31                             |                |                |                | 1.3            | 3.4            | 0.9            |     |     |
| 848 |     | 12 16                          |                |                |                | 1.0            | 1.8            | 0.5            |     |     |
| 849 |     | 19                             |                |                |                | 0.9            | 1.3            | 0.5            |     |     |
| 850 |     | 22                             |                |                |                | 1.1            | 1.7            | 0.5            |     |     |
| 851 |     | 14 47                          |                |                |                | 3.7            | 2.5            | 1.0            |     |     |
| 852 |     | 49                             |                |                |                | 1.7            | 1.6            | 1.4            |     |     |
| 853 |     | 17 50                          | +0.4           | -2.4           | +5.0           | 161.0          | ∞              | 17.2           | 1.0 |     |
| 854 |     | 52                             |                |                |                | 1.4            | 1.7            | 0.3            |     |     |
| 855 |     | 18 22                          |                |                |                | 5.7            | 4.6            | 5.1            | 1.3 |     |
| 856 |     | 23 08                          |                |                |                | 1.4            | 2.6            | 0.3            |     |     |
| 857 |     | 10 0 54                        |                |                |                | 2.0            | 3.0            | 1.5            |     |     |
| 858 |     | 59                             |                |                |                | 0.6            | 1.1            | 0.5            |     |     |

| 番 號 | 月 日  | 時 分                            | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|------|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |      |                                | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 859 | Ⅱ 10 | 1 <sup>h</sup> 00 <sup>m</sup> |                |                |                | 2.0            | 1.8            | 0.8            |     |     |
| 860 |      | 3 04                           |                |                |                | 1.6            | 1.0            | 0.8            |     |     |
| 861 |      | 22                             |                |                |                | 0.0            | 1.0            | 0.8            |     |     |
| 862 |      | 39                             |                |                |                | 1.4            | 1.7            | 0.5            |     |     |
| 863 |      | 48                             |                |                |                | 0.6            | 1.0            | 0.6            |     |     |
| 864 |      | 4 03                           |                |                |                | 1.7            | 0.9            | 2.3            |     |     |
| 865 |      | 7 12                           |                |                |                | 0.4            | 1.0            | 0.5            |     |     |
| 866 |      | 13 38                          |                |                |                | 0.8            | 1.2            | 0.9            |     |     |
| 867 |      | 14 10                          | -0.3           |                | -0.6           | 14.0           | 10.0           | 6.5            |     |     |
| 868 |      | 15 16                          |                |                |                | 1.8            | 1.5            | 0.8            |     |     |
| 869 |      | 31                             |                |                |                | 4.4            | 5.5            | 1.7            |     |     |
| 870 |      | 16 17                          | -0.5           | +0.2           | -0.5           | 15.2           | 11.9           | 7.5            | 0.8 |     |
| 871 |      | 22 09                          |                |                |                | 4.8            | 3.2            | 5.1            |     |     |
| 872 |      | 15                             |                |                |                | 2.1            | 2.0            | 1.0            |     |     |
| 873 |      | 30                             |                |                |                | 2.6            |                | 4.0            |     |     |
| 874 |      | 39                             |                |                |                | 1.5            | 1.2            | 0.6            |     |     |
| 875 |      | 23 17                          |                |                |                | 4.3            | 3.0            | 2.4            |     |     |
| 876 |      | 34                             |                |                |                | 2.0            | 1.8            | 1.2            |     |     |
| 877 | 11   | 1 37                           |                |                |                | 1.4            | 1.1            | 0.7            |     |     |
| 878 |      | 38                             |                |                |                | 2.2            | 1.2            | 1.2            |     |     |
| 879 |      | 4 29                           |                |                |                | 1.3            | 1.2            | 0.7            |     |     |
| 880 |      | 48                             | +0.25          | +0.1           | +24.8          | ∞              | ∞              | ∞              |     | 有 感 |
| 881 |      | 6 22                           |                |                |                | 10.0           | 7.0            | 4.2            | 1.0 |     |
| 882 |      | 8 26                           |                |                |                | 5.8            | 8.2            | 5.4            |     |     |
| 883 |      | 47                             |                |                |                | 9.0            | 5.1            | 1.3            | 2.0 |     |
| 884 |      | 11 45                          |                |                |                | 4.8            | 7.6            | 7.0            | 0.8 |     |
| 885 |      | 15 02                          |                |                |                | 5.8            | 5.4            | 3.0            | 2.0 |     |
| 886 |      | 06                             | +0.7           | -0.3           | +0.8           | 30.5           | 10.0           | 10.5           | 2.0 |     |
| 887 |      | 17 54                          | -1.0           | -0.5           | +1.0           | 6.3            | 4.7            | 8.0            | 1.1 |     |
| 888 |      | 19 17                          |                |                |                | 4.0            | 5.2            | 6.6            |     |     |
| 889 |      | 20 51                          |                |                |                | 1.3            | 1.4            | 0.5            |     |     |
| 890 |      | 23 54                          |                |                |                | 2.6            | 2.7            | 1.5            |     |     |
| 891 |      | 12 0 00                        |                |                |                | 1.1            | 1.0            | 0.6            |     |     |

| 番 號 | 月 日  | 時 分                            | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|------|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |      |                                | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 892 | Ⅱ 12 | 1 <sup>h</sup> 32 <sup>m</sup> |                |                |                | 1.1            | 3.5            | 1.0            |     |     |
| 893 |      | 3 01                           |                |                |                | 1.6            | 2.0            | 1.1            |     |     |
| 894 |      | 18                             | +0.4           | -0.4           | +0.4           | 7.3            | 9.2            | 5.3            | 1.6 |     |
| 895 |      | 6 32                           |                |                |                | 2.7            | 2.1            | 1.3            |     |     |
| 896 |      | 8 10                           |                |                |                | 2.5            | 4.3            | 1.2            |     |     |
| 897 |      | 12                             |                |                |                | 0.9            | 1.3            | 0.6            |     |     |
| 898 |      | 9 01                           |                |                |                | 1.7            | 1.3            | 1.1            |     |     |
| 899 |      | 42                             |                |                |                | 1.8            | 2.1            | 1.9            |     |     |
| 900 |      | 43                             | -1.0           | -0.4           | -0.8           | 20.0           | 12.0           | 8.0            | 5.3 |     |
| 901 |      | 46                             | -0.4           | -0.4           | -0.7           | 10.4           |                | 5.0            | 5.4 |     |
| 902 |      | 46                             |                |                |                | 2.4            | 2.3            | 2.8            |     |     |
| 903 |      | 12 10                          | -0.4           | +0.6           | -0.9           | 13.0           | 19.2           | 7.5            | 1.2 |     |
| 904 |      | 11                             | -0.3           | +0.4           | -0.7           | 6.5            | 6.0            | 4.0            |     |     |
| 905 |      | 13 24                          |                |                |                | 2.4            | 3.0            | 1.7            |     |     |
| 906 |      | 16 29                          |                |                |                | 7.0            | 3.5            | 5.4            | 1.2 |     |
| 907 |      | 18 32                          | -1.2           | -0.6           | +1.1           | 25.0           | 10.5           | 10.0           | 1.1 |     |
| 908 |      | 21 33                          | +0.3           | -4.1           | +1.3           | 74.0           | ∞              | 39.3           | 1.2 |     |
| 909 |      | 47                             |                |                |                | 1.8            | 3.3            | 3.5            |     |     |
| 910 |      | 55                             |                | -0.4           | +0.2           | 9.5            | 11.7           | 3.0            | 0.9 |     |
| 911 |      | 58                             | -0.2           | -1.3           | +0.5           | 14.0           | 26.0           | 9.3            | 0.8 |     |
| 912 |      | 22 40                          |                |                |                | 3.5            | 4.0            | 3.5            |     |     |
| 913 |      | 13 0 53                        | +2.0           | -10.0          | -45.3          | ∞              | ∞              | ∞              |     | 有 感 |
| 914 |      | 2 41                           |                |                |                | 1.2            | 2.8            | 1.3            |     |     |
| 915 |      | 5 06                           |                |                |                | 7.0            | 7.0            | 4.1            | 2.4 |     |
| 916 |      | 52                             |                |                |                | 7.0            | 5.0            | 1.9            |     |     |
| 917 |      | 59                             |                |                |                | 3.9            | 2.5            | 1.7            |     |     |
| 918 |      | 9 13                           |                |                |                | 2.7            | 1.9            | 1.2            |     |     |
| 919 |      | 10 15                          | -0.9           | -1.0           | +0.9           | 4.0            | 2.8            | 2.5            | 0.8 |     |
| 920 |      | 11 04                          |                | -0.1           | +0.2           | 3.3            | 3.3            | 2.2            | 1.1 |     |
| 921 |      | 14 31                          |                |                |                | 4.0            | 6.6            | 3.4            | 1.6 |     |
| 922 |      | 20 55                          |                |                |                | 2.5            | 2.8            | 1.9            |     |     |
| 923 |      | 58                             |                |                |                | 1.4            | 1.6            | 0.9            |     |     |
| 924 |      | 21 40                          | +0.3           | -0.7           | +0.8           | 9.8            | 6.3            | 3.1            | 1.8 |     |

| 番 號 | 月 日  | 時 分                             | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |      |                                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 925 | Ⅱ 13 | 21 <sup>h</sup> 58 <sup>m</sup> | -5.2           | +0.9           | -1.9           | ∞              | ∞              | ∞              | 1.8 | 有 感 |
| 926 | 14   | 1 41                            |                |                |                | 3.4            | 3.3            | 1.7            |     |     |
| 927 |      | 47                              |                |                |                | 1.3            | 1.2            | 0.7            |     |     |
| 928 |      | 4 17                            |                |                |                | 4.0            | 3.8            | 4.0            |     |     |
| 929 |      | 18 19                           |                |                |                | 2.6            | 3.0            | 1.6            | 1.0 |     |
| 930 | 15   | 1 47                            |                | +0.2           | +1.0           | 10.0           | 6.4            | 5.0            | 1.2 |     |
| 931 |      | 2 21                            |                |                |                | 3.2            | 7.3            | 1.2            |     |     |
| 932 |      | 5 13                            |                |                |                | 5.0            | 6.3            | 1.6            |     |     |
| 933 |      | 9 23                            |                |                |                | 1.4            | 2.3            | 0.9            |     |     |
| 934 |      | 27                              |                |                |                | 1.3            | 1.5            | 0.4            |     |     |
| 935 |      | 10 12                           |                |                |                | 0.6            | 1.7            | 0.7            |     |     |
| 936 |      | 12                              |                |                |                | 1.0            | 2.1            | 1.1            |     |     |
| 937 |      | 11 26                           |                |                |                | 1.1            | 1.0            | 0.9            |     |     |
| 938 |      | 12 04                           | +0.4           | +0.7           | -0.6           | ∞              | ∞              | 33.7           | 1.4 |     |
| 939 |      | 15 54                           | -0.4           | -1.4           | +0.9           | 33.5           | 20.0           | 10.4           | 1.7 | 有 感 |
| 940 |      | 22 15                           |                | -0.2           | +0.5           | 3.4            | 13.3           | 2.6            | 1.4 |     |
| 941 | 16   | 2 30                            | -0.2           | -0.7           | -0.2           | 32.0           | 19.0           | 14.8           | 1.9 |     |
| 942 |      | 10 41                           |                |                |                | 1.9            | 1.4            | 0.5            |     |     |
| 943 |      | 47                              |                |                |                | 1.7            | 2.0            | 0.7            |     |     |
| 944 |      | 12 34                           |                | +0.2           | -0.6           | 3.2            | 5.0            | 2.1            | 1.6 |     |
| 945 |      | 15 59                           |                |                |                | 1.0            | 1.5            | 0.8            |     |     |
| 946 | 17   | 3 49                            |                | -0.15          | +0.3           | 3.5            | 4.0            | 2.5            | 2.3 |     |
| 947 |      | 4 18                            |                |                |                | 6.8            | 5.2            | 2.0            | 1.9 |     |
| 948 |      | 5 38                            |                |                |                | ∞              | ∞              | ∞              |     |     |
| 949 |      | 8 08                            |                |                |                | 2.9            | 1.7            | 1.0            |     |     |
| 950 |      | 34                              |                |                |                | 3.8            | 2.9            | 1.2            |     |     |
| 951 |      | 9 30                            |                |                |                | 1.1            | 1.9            | 1.1            |     |     |
| 952 |      | 10 33                           |                |                |                | 1.4            | 1.1            | 0.7            |     |     |
| 953 |      | 15 24                           |                |                |                | 3.2            | 6.5            | 2.5            |     | 有 感 |
| 954 |      | 26                              |                |                |                | 26.3           | 29.0           | 9.7            |     |     |
| 955 |      | 17 09                           |                |                |                | 1.3            | 2.5            | 0.6            |     |     |
| 956 |      | 22 08                           | +0.7           | +8.6           | -26.2          | ∞              | ∞              | ∞              |     |     |
| 957 |      | 23 56                           | -2.7           | -1.5           | -4.4           | ∞              | ∞              | 18.8           | 2.6 |     |

| 番 號 | 月 日  | 時 分                            | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|-----|------|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|     |      |                                | P <sub>N</sub> | P <sub>N</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 958 | Ⅱ 18 | 1 <sup>h</sup> 41 <sup>m</sup> |                |                |                | 1.8            | 2.0            | 1.2            |     |     |
| 959 |      | 4 42                           |                |                |                | 3.2            | 4.4            | 1.7            |     |     |
| 960 |      | 45                             |                |                |                | 10.0           | 6.0            | 6.4            |     |     |
| 961 |      | 47                             |                |                |                | 3.1            | 2.7            | 1.1            |     |     |
| 962 |      | 58                             |                |                |                | 2.2            | 2.7            | 1.9            |     |     |
| 963 |      | 12 48                          |                |                |                | 1.6            | 1.5            | 0.8            |     |     |
| 964 |      | 14 28                          |                | -0.5           | +0.4           | 11.0           | 11.3           | 6.5            | 1.0 |     |
| 965 |      | 37                             |                |                |                | 2.2            | 1.4            |                |     |     |
| 966 |      | 44                             | -0.8           | +0.3           | -0.5           | 93.0           | ∞              | 24.0           | 1.6 |     |
| 967 |      | 57                             |                |                |                | 2.4            |                | 1.0            |     |     |
| 968 |      | 16 34                          |                |                |                | 3.0            |                | 1.4            |     |     |
| 969 |      | 17 16                          |                |                |                | 14.0           | 4.4            | 2.4            |     |     |
| 970 |      | 19 39                          |                |                |                | 1.5            | 1.7            | 8.0            |     |     |
| 971 | 19   | 2 56                           |                |                |                | 2.6            | 1.6            | 1.0            |     |     |
| 972 |      | 6 40                           |                |                |                | 3.5            | 4.5            | 2.1            |     |     |
| 973 |      | 15 12                          |                |                |                | 6.2            | 4.0            | 1.3            |     |     |
| 974 |      | 21 11                          |                | -0.8           | -0.6           | 5.1            | 9.4            | 4.0            | 1.0 |     |
| 975 |      | 20 6 34                        |                |                |                | 2.0            | 1.7            | 0.9            |     |     |
| 976 |      | 58                             |                |                |                | 2.0            | 3.3            | 1.7            |     |     |
| 977 |      | 8 00                           |                |                |                | 1.2            | 1.4            | 0.6            |     |     |
| 978 |      | 07                             |                |                |                | 0.0            | 1.6            | 1.0            |     |     |
| 979 |      | 14                             |                |                |                | 2.4            | 3.6            | 1.7            |     |     |
| 980 |      | 11 37                          |                |                |                | 4.0            | 5.7            | 1.3            |     |     |
| 981 |      | 12 42                          |                |                |                | 3.4            | 3.5            | 2.7            |     |     |
| 982 |      | 13 05                          |                |                |                | 0.7            | 1.2            | 0.6            |     |     |
| 983 |      | 18 54                          |                | -2.2           | -1.8           | 58.0           | ∞              | 16.3           | 0.8 |     |
| 984 |      | 20 59                          |                |                |                | 1.5            | 1.4            | 0.6            |     |     |
| 985 | 20   | 21 45                          |                |                |                | 1.8            | 2.5            | 1.1            |     |     |
| 986 |      | 59                             |                |                |                | 2.2            | 1.6            | 0.6            |     |     |
| 987 |      | 23 09                          |                |                |                | 3.1            | 2.2            | 1.4            | 2.5 |     |
| 988 |      | 21 0 03                        |                |                |                | 1.8            | 2.2            | 0.7            |     |     |
| 989 |      | 3 22                           |                |                |                | 1.6            | 1.7            | 1.3            |     |     |
| 990 |      | 24                             | -0.4           | -0.3           | +1.1           | 8.0            | 5.3            | 6.5            | 1.2 |     |



| 番 號  | 月 日  | 時 分                            | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|------|------|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|      |      |                                | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 991  | Ⅱ 21 | 8 <sup>h</sup> 35 <sup>m</sup> |                |                |                | 2.7            | 2.9            | 1.5            |     |     |
| 992  |      | 10 29                          |                |                |                | 2.0            | 2.5            | 1.0            |     |     |
| 993  |      | 12 09                          |                |                |                | 5.2            | 4.2            | 7.0            |     |     |
| 994  |      | 47                             |                | -0.9           | +2.2           | 10.0           | ∞              | 22.5           | 1.6 |     |
| 995  |      | 49                             |                |                |                | 1.6            | 2.2            | 1.1            |     |     |
| 996  |      | 14 49                          | -0.6           | +1.0           | -0.7           | 16.6           | 29.2           | 17.3           | 1.9 |     |
| 997  |      | 17 45                          | -0.3           | +0.6           | +0.4           | ∞              | ∞              | 16.3           | 1.4 |     |
| 998  |      | 48                             |                |                |                | 2.7            | 2.7            | 1.3            |     |     |
| 999  |      | 19 24                          |                |                |                | 1.5            | 2.0            | 1.0            |     |     |
| 1000 |      | 23 07                          | -0.6           | +11.5          | -7.0           | ∞              | ∞              | ∞              | 1.7 | 有 感 |
| 1001 | 22   | 0 06                           |                | -0.3           | -0.6           | 6.6            | 7.5            | 4.5            | 0.8 |     |
| 1002 |      | 25                             |                |                |                | 3.0            | 4.5            | 1.6            |     |     |
| 1003 |      | 1 56                           | +0.2           | +0.2           | -0.7           | ∞              | ∞              | ∞              | 0.8 | 有 感 |
| 1004 |      | 2 29                           |                |                |                | 1.6            | 2.5            | 0.7            |     |     |
| 1005 |      | 3 05                           |                |                |                | 2.5            | 1.8            | 1.0            |     |     |
| 1006 |      | 4 18                           |                |                |                | 3.8            | 2.2            | 1.8            |     |     |
| 1007 |      | 27                             |                |                |                | 0.5            | 1.1            | 1.0            |     |     |
| 1008 |      | 27                             |                |                |                | 3.0            | 2.2            | 3.6            |     |     |
| 1009 |      | 5 10                           | +0.35          | -0.4           | +4.5           | ∞              | ∞              | ∞              |     | 有 感 |
| 1010 |      | 8 00                           |                |                |                | 6.4            | 3.4            | 1.7            |     |     |
| 1011 | 23   | 9 30                           |                |                |                | 1.6            | 1.4            | 1.2            |     |     |
| 1012 |      | 10 18                          |                |                |                | 3.6            | 2.2            | 1.2            |     |     |
| 1013 |      | 14 11                          |                |                |                | 1.3            | 0.7            | 1.6            |     |     |
| 1014 |      | 46                             |                |                |                | 2.5            | 2.0            | 2.0            |     |     |
| 1015 |      | 16 41                          |                |                |                | 1.3            | 3.2            | 1.3            |     |     |
| 1016 |      | 17 04                          |                |                |                | 0.5            | 1.0            | 0.9            |     |     |
| 1017 |      | 20 59                          |                |                |                | 2.8            | 4.4            | 1.4            |     |     |
| 1018 |      | 0 51                           |                |                |                | 1.0            | 1.5            | 0.8            |     |     |
| 1019 |      | 4 28                           | +0.2           | -0.2           | +0.3           | 10.0           | 15.0           | 8.0            | 0.9 |     |
| 1020 |      | 7 10                           |                |                |                | 1.3            | 1.8            | 0.9            |     |     |
| 1021 |      | 11 42                          |                |                |                | 4.5            | 2.5            | 1.9            |     |     |
| 1022 |      | 15 09                          |                |                |                | 2.7            | 1.4            | 2.7            |     |     |
| 1023 |      | 53                             | +0.1           | -0.4<br>-1.9   | -4.0           |                |                | 16.3           | 1.4 |     |

| 番 號  | 月 日 | 時 分 | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|------|-----|-----|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|      |     |     | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 1024 | Ⅱ   | 23  |                |                | +0.05          | 4.9            | 3.2            | 2.4            | 2.0 |     |
| 1025 |     |     |                |                | -0.2           | 4.0            | 5.8            | 2.9            | 1.4 |     |
| 1026 |     |     |                |                |                | 2.0            | 2.0            | 1.8            |     |     |
| 1027 |     | 24  |                |                |                | 0.8            |                | 1.4            |     |     |
| 1028 |     |     |                | +10.0          | -9.8           |                |                |                | 2.0 |     |
| 1029 |     |     |                |                |                |                | 3.7            | 3.4            |     |     |
| 1030 |     | 25  |                |                |                |                |                | 12.0           |     |     |
| 1031 |     |     |                |                | +0.5           | 3.9            | 5.0            | 2.6            |     |     |
| 1032 |     |     |                |                | -10.0          | ∞              | ∞              | 33.0           |     |     |
| 1033 |     |     |                |                |                | 17.2           | 13.7           | 3.0            |     |     |
| 1034 |     |     |                |                | +0.8           | 10.5           | 23.7           | 7.8            | 2.0 |     |
| 1035 |     |     |                |                | -0.7           |                |                |                |     |     |
| 1036 | Ⅲ   | 26  |                | -1.2           | +3.6           | ∞              | ∞              | 30.8           | 2.0 |     |
| 1037 |     | 27  | +0.4           | -0.7           | +1.4           | 16.3           | 11.4           | 9.5            | 1.8 |     |
| 1038 |     |     | -0.9           |                | -1.0           | 9.7            |                | 4.0            |     |     |
| 1039 |     | 28  |                | +0.7           | +1.7           | 4.9            |                | 4.2            | 1.0 |     |
| 1040 |     |     |                |                | -3.9           | 7.3            |                | 8.6            | 1.0 |     |
| 1041 |     | 1   | +2.9           |                | +1.6           | ∞              |                | 18.4           | 2.2 |     |
| 1042 |     |     |                | -1.3           | +1.6           | 51.5           | ∞              | 18.5           | 1.3 |     |
| 1043 |     | 2   |                | 1.3            | +0.6           |                |                | 6.5            | 2.0 |     |
| 1044 |     |     |                |                |                | 4.0            | 2.7            | 2.6            |     |     |
| 1045 |     | 3   | -0.2           | -0.9           | +1.7           | 37.0           | 11.0           | 13.5           | 1.3 |     |
| 1046 |     |     |                |                | +0.4           | 6.0            | 12.0           | 4.7            |     |     |
| 1047 |     | 4   |                |                |                | 3.4            | 3.7            | 2.3            |     |     |
| 1048 |     |     |                |                | -0.3           | 2.2            | 2.4            | 2.0            |     |     |
| 1049 |     |     |                |                | -0.4           | ?              | 2.8            | 2.9            |     |     |
| 1050 |     |     |                |                | -0.3           | ?              | 1.8            | 1.6            |     |     |
| 1051 |     | 5   | -0.3           | -0.7           | +2.0           | 91.0           | 18.0           | 24.0           | 1.6 |     |
| 1052 |     |     |                |                | +0.6           | 11.0           | 16.0           | 8.2            | 1.0 |     |
| 1053 |     |     |                |                | +1.2           | 34.0           | 12.5           | 13.7           | 1.1 |     |
| 1054 |     |     |                |                |                | 3.0            | 2.5            | 2.0            |     |     |
| 1055 |     |     |                |                | +0.8           | 5.7            | 6.5            | 3.5            | 1.2 |     |
| 1056 |     | 6   |                |                |                | 3.5            | 5.8            | 2.4            |     |     |

| 番 號  | 月 日 | 時 分                            | 初 動            |                |                | 最 大 振 幅        |                |                | p~s  | 記 事 |
|------|-----|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------|-----|
|      |     |                                | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |      |     |
| 1057 | Ⅲ 7 | 4 <sup>h</sup> 53 <sup>m</sup> | -0.3           | +0.2           | -0.4           | 20.6           | 35.7           | 7.8            | 1.4  |     |
| 1058 |     | 11 45                          |                |                |                | 4.0            | 6.6            | 4.5            |      |     |
| 1059 |     | 12 08                          |                |                |                | 6.0            | 40.5           | 4.5            | 0.6  |     |
| 1060 |     | 14 25                          |                | +0.4           | +1.1           | 10.0           | 9.0            | 7.0            | 1.1  |     |
| 1061 | 8   | 23 07                          |                |                | +0.3           | 2.4            | 2.1            | 1.8            |      |     |
| 1062 |     | 1 39                           |                | +0.7           | +0.4           | 3.2            | 9.0            | 4.2            | 1.0  |     |
| 1063 |     | 5 50                           |                |                | -0.4           | 14.0           | 6.2            | 18.5           | 1.2  |     |
| 1064 |     | 17 39                          | 0.0            | +0.5           | +0.6           | 7.7            | 4.6            | 1.9            | 5.3  |     |
| 1065 | 9   | 19 24                          | -0.5           | +1.7           | +0.7           | 24.5           | 13.0           | 6.4            | 12.8 |     |
| 1066 |     | 4 43                           |                |                |                | 4.5            | 4.0            | 1.1            |      |     |
| 1067 |     | 5 35                           | +0.2           | -0.5           | +0.5           | 9.2            | 4.4            | 4.2            | 1.4  |     |
| 1068 |     | 16 08                          |                |                |                | 3.3            | 2.4            | 2.3            |      |     |
| 1069 | 10  | 19 06                          |                |                |                | 2.9            | 6.2            | 2.8            |      |     |
| 1070 |     | 0 38                           |                |                |                |                |                | 0.8            |      |     |
| 1071 |     | 2 56                           |                |                |                |                |                | 1.4            |      |     |
| 1072 |     | 7 09                           |                |                |                |                |                | 2.4            |      |     |
| 1073 |     | 8 50                           |                |                | -1.4           |                |                | 12.0           |      |     |
| 1074 |     | 10 18                          |                |                |                |                |                | 3.2            |      |     |
| 1075 |     | 19                             |                |                | +0.3           |                |                | 7.2            |      |     |
| 1076 |     | 13 05                          |                | +0.3           | +0.2           | 46.0           | 17.0           | 16.0           | 1.4  |     |
| 1077 |     | 16 20                          | -0.2           |                |                | 4.0            | 2.3            | 2.7            | 1.0  |     |
| 1078 |     | 26                             | -3.4           | +18.0          | +9.6           | ∞              | ∞              | ∞              |      |     |
| 1079 |     | 17 16                          |                |                |                | 3.8            | 2.3            | 2.4            |      |     |
| 1080 |     | 41                             |                |                | +0.4           | 26.0           | ∞              | 13.5           |      |     |
| 1081 |     | 18 26                          |                |                |                | 7.0            | 13.5           | 3.1            |      |     |
| 1082 |     | 19 15                          |                |                |                | 3.5            | 3.2            | 1.7            |      |     |
| 1083 |     | 20 51                          |                |                | -4.1           |                |                | 41.0           |      |     |
| 1084 |     | 21 22                          | -0.8           | +7.8           | +5.5           | ∞              | ∞              | ∞              |      |     |
| 1085 |     | 22 01                          |                |                | +4.9           | ∞              | ∞              | ∞              |      |     |
| 1086 |     | 23 20                          |                |                | +3.8           | 101.0          | ∞              | 41.0           | 1.4  |     |
| 1087 |     | 5 20                           |                |                |                |                |                | 3.2            |      |     |
| 1088 |     | 9 03                           |                |                |                |                |                | 2.6            |      |     |
| 1089 | 11  | 11 07                          |                |                | +1.0           | 7.0            | 5.6            | 3.2            |      |     |

| 番 號  | 月 日  | 時 分                             | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|------|------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|      |      |                                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 1090 | Ⅲ 11 | 12 <sup>b</sup> 24 <sup>m</sup> |                | -0.6           | +1.5           | 107.0          | 131.0          | 64.6           | 1.0 | 有 感 |
| 1091 |      | 16 00                           |                |                |                | 7.0            | ?              | 4.5            |     |     |
| 1092 |      | 05                              |                |                | +0.2           | 5.5            | ?              | 5.1            |     |     |
| 1093 |      | 20 46                           |                |                |                | 3.2            | 5.5            | 2.7            |     |     |
| 1094 | 12   | 23 22                           |                |                |                | 10.0           | 5.2            | 0.7            | 3.0 |     |
| 1095 |      | 0 7                             |                |                |                | 9.0            | 22.0           | 6.5            | 0.6 |     |
| 1096 |      | 2 09                            |                | -0.4           | +0.7           | 5.8            | 4.8            | 1.7            |     |     |
| 1097 |      | 5 39                            | -0.2           | +0.3           | +0.9           | 11.7           | 8.0            | 2.9            | 2.0 |     |
| 1098 |      | 10 59                           |                |                | +0.3           | 2.0            | 1.9            | 1.4            |     |     |
| 1099 |      | 11 11                           |                |                | +1.2           | 8.2            | 7.5            | 5.2            |     |     |
| 1100 |      | 13 32                           |                |                |                | 2.7            | 3.3            | 4.1            |     |     |
| 1101 |      | 19 39                           | -0.3           | +0.3           | +3.0           | 71.5           | 30.5           | 17.6           | 2.2 |     |
| 1102 |      | 0 07                            |                |                |                | 2.0            | 4.4            | 1.2            |     |     |
| 1103 |      | 53                              |                |                |                | 4.0            | 4.0            | 2.3            |     |     |
| 1104 | 13   | 55                              | -0.8           | -1.0           | +4.1           | ∞              | ∞              | ∞              |     |     |
| 1105 |      | 10 56                           |                |                |                | 4.6            | 4.4            | 2.0            |     |     |
| 1106 |      | 16 55                           |                |                |                | 2.3            | 2.5            | 1.9            |     |     |
| 1107 |      | 7 42                            |                |                |                | 1.6            | 1.7            | 1.6            |     |     |
| 1108 |      | 10 11                           | +0.2           | -1.5           | +0.9           | 12.0           | 13.0           | 3.0            | 1.3 |     |
| 1109 |      | 11                              |                |                |                | 22.0           | 30.0           | 24.5           |     |     |
| 1110 | 14   | 15 49                           |                |                |                | 5.5            | 12.0           | 3.2            |     | 有 感 |
| 1111 |      | 16 04                           | -0.8           | +x             | +6.0           | ∞              | ∞              | 56.0           |     |     |
| 1112 |      | 29                              | -0.2           | +0.6           | +0.7           | 21.3           | 12.3           | 11.0           | 1.0 |     |
| 1113 |      | 30                              |                |                |                | 1.3            | 2.7            | 1.2            |     |     |
| 1114 |      | 39                              | -0.4           | -0.3           | +0.9           | 7.3            | 15.5           | 6.7            | 1.2 |     |
| 1115 |      | 20 14                           |                |                | +0.4           | 1.3            | 1.5            | 1.3            |     |     |
| 1116 |      | 2 24                            |                |                |                | 3.0            | 2.3            | 1.3            |     |     |
| 1117 |      | 3 13                            |                |                | +0.3           | 3.5            | 3.0            | 2.3            |     |     |
| 1118 |      | 14 16                           |                |                |                | 2.1            | 2.0            | 0.9            |     |     |
| 1119 |      | 16 00                           | -0.4           | +1.0           | -0.7           | 11.3           | 4.3            | 4.3            | 1.5 |     |
| 1120 |      | 17 11                           |                |                |                | 27.0           | ∞              | 7.5            |     |     |
| 1121 |      | 20 24                           |                |                | +0.6           | 9.0            | 6.7            | 3.0            |     |     |
| 1122 | 15   | 22 19                           | -0.3           |                | -2.6           | 46.7           | 16.6           | 16.0           | 1.0 |     |

| 番 號  | 月 日  | 時 分                             | 初 動            |                |       | 最 大 振 幅        |                |                | p~s | 記 事 |
|------|------|---------------------------------|----------------|----------------|-------|----------------|----------------|----------------|-----|-----|
|      |      |                                 | P <sub>N</sub> | P <sub>E</sub> | P     | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 1123 | Ⅲ 15 | 23 <sup>h</sup> 28 <sup>m</sup> |                |                |       | 3.4            | 3.5            | 1.2            |     |     |
| 1124 | 16   | 2 13                            | -0.1           | +1.2           | -1.0  | 16.0           | 12.3           | 3.6            | 1.1 |     |
| 1125 |      | 8 02                            | +0.3           | -1.3           | -2.3  | 5.2            | 7.2            | 7.7            | 2.0 |     |
| 1126 |      | 10 03                           |                |                |       | 1.6            | 2.1            | 1.0            |     |     |
| 1127 |      | 03                              |                |                |       | 2.0            | 3.6            | 1.7            |     |     |
| 1128 |      | 07                              |                |                |       | 2.6            | 1.4            | 0.9            |     |     |
| 1129 |      | 36                              |                |                |       | 1.8            | 1.7            | 0.9            |     |     |
| 1130 |      | 40                              | +0.9           | -2.3           | -30.5 | ∞              | ∞              | ∞              | 1.0 | 有 感 |
| 1131 |      | 12 18                           |                |                |       | 1.8            | 2.8            | 1.0            |     |     |
| 1132 |      | 17 20                           |                |                |       | 3.2            | 2.0            | 2.4            |     |     |
| 1133 |      | 55                              |                |                | -0.2  | 3.0            | 3.4            | 2.5            |     |     |
| 1134 |      | 22 48                           |                | -0.4           | +0.4  | 2.8            | 3.0            | 2.2            |     |     |
| 1135 | 17   | 4 33                            |                |                |       | 5.5            | 7.0            | 0.6            |     |     |
| 1136 |      | 11 09                           |                | -0.4           | +0.5  | 8.0            | 10.0           | 6.7            | 1.0 |     |
| 1137 |      | 13 02                           |                |                |       | 2.0            | 4.2            | 2.8            |     |     |
| 1138 |      | 17 22                           | -0.2           |                | -0.1  | 5.0            | 4.5            | 4.0            |     |     |
| 1139 |      | 21 40                           | +0.3           | +1.8           | -0.9  | ∞              | ∞              | 78.0           | 2.0 |     |
| 1140 | 19   | 0 32                            |                |                |       | 2.4            | 2.0            | 1.7            |     |     |
| 1141 |      | 48                              | +0.2           | +2.15          | -1.8  | 104.0          | 27.5           | 13.2           |     |     |
| 1142 |      | 17 52                           |                |                | +0.2  | 7.1            | 9.0            | 3.6            |     |     |
| 1143 |      | 21 13                           |                |                |       | 1.7            | 3.3            | 1.7            |     |     |
| 1144 | 20   | 3 11                            |                | -0.3           | +1.5  | 15.0           | 6.7            | 5.4            |     |     |
| 1145 |      | 11 53                           |                |                | +0.1  | 17.8           | 12.2           | 6.0            | 2.8 |     |
| 1146 | 22   | 4 53                            | -0.2           | -0.4           | +0.9  | 8.0            | 13.5           | 3.7            | 1.6 |     |
| 1147 |      | 5 47                            | -1.7           | +1.2           | +3.0  | ∞              | ∞              | ∞              |     |     |
| 1148 |      | 6 19                            |                |                |       | 2.6            | 2.4            | 1.2            |     |     |
| 1149 |      | 20                              |                |                | +0.2  | 3.0            | 2.7            | 1.2            |     |     |
| 1150 |      | 53                              | -0.4           | +0.4           | +0.9  | 24.2           | 19.4           | 9.3            | 1.6 |     |
| 1151 |      | 7 38                            |                |                |       | 3.5            | 2.1            | 1.1            |     |     |
| 1152 |      | 8 18                            | -2.3           | +59.0          | -73.8 | ∞              | ∞              | ∞              |     | 有 感 |
| 1153 |      | 38                              |                |                |       | 1.6            | 1.7            | 1.1            |     |     |
| 1154 |      | 47                              |                |                |       | 1.3            | 1.1            | 0.8            |     |     |
| 1155 |      | 9 30                            |                |                |       | 4.0            | 3.6            | 1.6            |     |     |

| 番 號  | 月 日  | 時 分                            | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|------|------|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|      |      |                                | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 1156 | Ⅲ 22 | 9 <sup>h</sup> 40 <sup>m</sup> |                |                |                | 5.5            | 6.9            | 2.6            |     |     |
| 1157 |      | 43                             |                |                | -0.5           | 9.0            | 10.0           | 5.2            |     |     |
| 1158 |      | 46                             | -2.7           | -2.7           | +1.4           | 19.0           | 18.5           | 14.0           | 0.9 |     |
| 1159 |      | 59                             |                |                |                | ?              | 5.0            | 1.6            |     |     |
| 1160 |      | 10 47                          |                |                |                | 2.3            | 2.1            | 1.7            |     |     |
| 1161 |      | 11 39                          |                |                | +0.5           | 3.5            | 4.4            | 2.4            |     |     |
| 1162 |      | 12 26                          |                |                |                | 1.3            | 1.1            | 1.4            |     |     |
| 1163 |      | 30                             |                |                |                | 1.8            | 2.1            | 1.2            |     |     |
| 1164 |      | 15 32                          |                | +0.7           | -0.4           | 2.0            | 3.7            | 2.1            |     |     |
| 1165 |      | 16 53                          | +0.2           |                | +1.0           | 19.5           | 15.5           | 13.0           | 1.5 |     |
| 1166 |      | 17 39                          |                | +0.5           | -0.6           | 54.0           | ∞              | 20.3           | 1.0 |     |
| 1167 |      | 18 42                          | -1.3           | +0.3           | +1.8           | 106.5          | 26.0           | 15.0           | 1.8 |     |
| 1168 |      | 19 45                          | 0.0            | -0.5           | -0.2           | 49.0           | 9.0            | 8.2            | 1.4 |     |
| 1169 |      | 46                             |                |                |                | 4.6            | 3.6            | 3.7            |     |     |
| 1170 |      | 48                             |                |                |                | 4.3            | 4.8            | 1.7            |     |     |
| 1171 |      | 21 44                          |                |                |                | 2.3            | 1.5            | 1.0            |     |     |
| 1172 |      | 22 29                          |                |                |                | 50.5           | 16.5           | 25.0           |     |     |
| 1173 |      | 23 0 23                        |                |                |                | 2.4            | 3.5            | 2.3            |     |     |
| 1174 |      | 28                             |                |                | -0.2           | 5.2            | 6.0            | 3.7            | 2.0 |     |
| 1175 |      | 42                             |                |                |                | 9.0            | 30.0           | 2.6            |     |     |
| 1176 |      | 3 22                           |                |                |                | 7.5            | 25.5           | 13.0           |     |     |
| 1177 |      | 5 44                           |                |                |                | 4.2            | 3.8            | 3.3            |     |     |
| 1178 |      | 50                             | -0.4           | +1.3           | +3.3           | 190.0          | ∞              | 55.8           | 2.0 |     |
| 1179 |      | 50                             |                |                | +0.3           | 10.5           | 6.5            | 7.0            |     |     |
| 1180 |      | 51                             |                |                | +1.3           | 21.5           | 13.0           | 9.0            |     |     |
| 1181 |      | 6 02                           |                |                |                | 1.5            | 2.3            | 1.2            |     |     |
| 1182 |      | 06                             |                |                |                | 3.0            | 3.4            | 2.3            |     |     |
| 1183 |      | 7 48                           |                |                | -2.6           | 28.5           | ∞              | 1.9            |     |     |
| 1184 |      | 10 09                          |                |                | +0.2           | 4.7            | 8.4            | 5.5            | 1.6 |     |
| 1185 |      | 14 36                          |                |                | +0.2           | 1.8            | 1.8            | 1.2            |     |     |
| 1186 |      | 36                             | -0.5           | +0.3           | +1.2           | 49.0           | 16.7           | 13.5           | 1.0 |     |
| 1187 |      | 43                             | -0.1           | -0.4           | -0.25          | 1.2            | 2.3            | 1.5            | 1.5 |     |
| 1188 |      | 16 29                          | +0.3           | +0.5           | +0.4           | 3.7            | 4.0            | 2.6            | 1.1 |     |

| 番 號  | 月 日  | 時 分                             | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|------|------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|      |      |                                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 1189 | Ⅲ 23 | 20 <sup>h</sup> 07 <sup>m</sup> |                |                | +0.1           | 4.8            | 5.6            | 4.9            | 1.1 |     |
| 1190 |      | 29                              | -0.3           | -0.2           |                | 4.2            | 6.0            | 4.8            | 0.8 |     |
| 1191 |      | 49                              |                |                |                | 2.1            | 2.0            | 0.7            |     |     |
| 1192 |      | 21 53                           |                |                |                | 0.6            | 1.2            | 0.8            |     |     |
| 1193 |      | 24 1 36                         |                |                |                | 1.5            | 3.5            | 0.8            |     |     |
| 1194 |      | 43                              |                | +0.3           | -0.3           | 4.2            | 5.3            | 2.1            | 2.0 |     |
| 1195 |      | 2 48                            |                |                |                | 8.8            | 6.0            | 0.9            |     |     |
| 1196 |      | 3 09                            |                |                |                | 7.7            | 6.3            | 2.6            |     |     |
| 1197 |      | 4 35                            |                |                |                | 1.0            | 1.7            | 0.4            |     |     |
| 1198 |      | 35                              |                |                |                | 1.4            | 2.1            | 1.9            |     |     |
| 1199 |      | 11 08                           |                |                |                | 1.5            | 1.8            | 0.7            |     |     |
| 1200 | 24   | 18 48                           |                |                |                | 0.9            | 1.7            | 0.9            |     |     |
| 1201 |      | 21 46                           |                |                | +0.2           | 1.3            | 1.2            | 0.7            |     |     |
| 1202 |      | 23 34                           |                |                |                | 1.0            | 1.8            | 0.8            |     |     |
| 1203 |      | 25 2 37                         |                |                |                | 1.4            | 3.0            | 1.7            |     |     |
| 1204 |      | 5 46                            |                |                | +0.3           | 1.8            | 2.8            | 1.4            |     |     |
| 1205 |      | 6 10                            | -0.1           |                | +0.5           | 5.3            | 6.1            | 2.4            | 2.0 |     |
| 1206 |      | 9 27                            | -1.0           | +0.4           | +1.9           | 37.0           | 26.0           | 21.0           | 2.0 |     |
| 1207 |      | 27                              |                |                | +0.7           | 5.8            | 4.7            | 2.8            |     |     |
| 1208 |      | 50                              |                |                | -0.3           | 3.9            | 10.0           | 2.9            |     |     |
| 1209 |      | 10 08                           |                |                |                | 1.5            | 2.1            | 1.2            |     |     |
| 1210 | 25   | 29                              |                |                | +0.3           | 4.0            | 5.4            | 1.7            |     |     |
| 1211 |      | 39                              |                |                |                | 3.4            | 5.0            | 1.6            |     |     |
| 1212 |      | 16 33                           |                |                |                | 6.0            | 4.2            | 1.7            |     |     |
| 1213 |      | 17 09                           |                |                |                | 4.6            | 2.6            | 1.3            |     |     |
| 1214 |      | 51                              |                |                | +0.1           | 3.5            | 4.5            | 2.2            |     |     |
| 1215 |      | 18 23                           | -1.3           | -0.4           | +0.7           | 6.3            | 7.2            | 3.1            | 2.0 |     |
| 1216 |      | 21 50                           | -1.9           | +1.6           | +14.3          | ∞              | ∞              | ∞              | ?   |     |
| 1217 |      | 22 28                           |                |                |                |                | 3.0            |                |     |     |
| 1218 |      | 28                              |                |                | +9.5           |                |                | ∞              |     |     |
| 1219 |      | 37                              |                |                | +10.5          |                |                | 23.5           |     |     |
| 1220 | 23   | 15                              |                |                |                |                |                | 4.5            |     |     |
| 1221 |      | 25                              |                |                |                |                |                | 2.0            |     |     |

| 番 號  | 月 日  | 時 分                             | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|------|------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|      |      |                                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 1222 | Ⅲ 25 | <sup>h</sup> 23 <sup>m</sup> 38 |                |                |                | 8.0            | 5.7            | 3.0            |     |     |
| 1223 | 26   | 0 06                            | -0.1           | -0.3           |                | 13.5           | 13.0           | 4.5            | 0.8 |     |
| 1224 |      | 25                              |                |                |                | 4.2            | 7.5            | 1.5            |     |     |
| 1225 |      | 1 29                            |                |                |                | 8.5            | 16.0           | 3.0            |     |     |
| 1226 |      | 34                              |                |                |                | 1.5            | 1.6            |                |     |     |
| 1227 |      | 37                              |                |                |                | 5.7            | 11.5           | 3.5            |     |     |
| 1228 |      | 46                              |                |                |                | 1.4            | 3.5            |                |     |     |
| 1229 |      | 54                              |                |                |                | 2.5            | 3.5            | 1.0            |     |     |
| 1230 |      | 2 01                            | +0.25          |                |                | 21.0           | 10.5           | 3.0            | 1.4 |     |
| 1231 |      | 24                              |                |                |                | 1.6            | 1.4            |                |     |     |
| 1232 |      | 26                              |                |                |                | 2.5            | 2.5            |                |     |     |
| 1233 |      | 7 15                            |                |                |                | 2.8            | 4.4            |                |     |     |
| 1234 |      | 35                              |                |                |                | 2.9            | 3.3            |                |     |     |
| 1235 |      | 10 36                           | -0.4           | +1.0           |                |                |                |                | 1.2 |     |
| 1236 |      | 59                              |                |                |                | 7.0            | 7.7            |                |     |     |
| 1237 |      | 07                              |                |                |                | 4.5            | 4.5            |                |     |     |
| 1238 |      | 11 16                           | +0.1           | -0.5           |                | 11.3           | 16.0           |                | 1.8 |     |
| 1239 |      | 20                              |                |                |                | 2.4            | 3.6            |                | 1.8 |     |
| 1240 |      | 21                              | -0.2           | +0.5           |                | 60.0           | 53.0           |                | 1.8 |     |
| 1241 |      | 55                              |                |                |                | 2.3            | 2.2            | 0.0            |     |     |
| 1242 |      | 58                              |                |                |                | 1.5            | 2.2            | 0.0            |     |     |
| 1243 |      | 12 52                           |                |                |                | 70.0           | 31.0           | 13.0           | 4.2 |     |
| 1244 |      | 59                              | -0.4           | +0.9           | +6.5           | 157.0          | 8.0            | 37.0           | 1.8 |     |
| 1245 |      | 13 01                           |                | +0.3           | +4.0           | 44.3           | 26.5           | 14.0           | 1.8 |     |
| 1246 |      | 08                              |                |                |                | 3.4            | 3.7            | 2.0            |     |     |
| 1247 |      | 18                              |                |                |                | 7.7            | 7.2            | 2.0            | 2.0 |     |
| 1248 |      | 14 49                           |                |                |                | 3.6            | 1.8            |                |     |     |
| 1249 |      | 50                              |                |                |                | 2.2            | 4.6            |                |     |     |
| 1250 |      | 16 06                           |                |                |                | 2.0            | 4.2            |                |     |     |
| 1251 |      | 13                              |                |                |                | 2.3            | 1.7            |                |     |     |
| 1252 |      | 17 41                           |                |                |                | 1.5            | 2.3            |                |     |     |
| 1253 |      | 48                              | +0.1           | -1.3           |                | 6.8            | 8.5            |                | 1.8 |     |
| 1254 |      | 18 08                           |                |                |                | 1.8            | 2.9            |                |     |     |



| 番 號  | 月 日  | 時 分                             | 初 動            |                |                | 最 大 振 幅        |                |                | P~S | 記 事 |
|------|------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|      |      |                                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 1255 | Ⅲ 26 | 18 <sup>h</sup> 39 <sup>m</sup> |                |                |                | 1.4            | 2.6            |                |     |     |
| 1256 |      | 44                              |                |                |                | 1.2            | 1.8            |                |     |     |
| 1257 |      | 19 23                           | -0.2           | -1.6           | +1.0           | ∞              | ∞              | 13.0           | ?   |     |
| 1258 |      | 20 08                           |                |                |                | 2.7            | 3.3            |                |     |     |
| 1259 |      | 21 06                           | -0.0           | +1.8           | -3.0           | 40.9           | 31.0           | 44.0           | 1.8 |     |
| 1260 |      | 22 23                           |                |                |                | 11.0           | 9.6            |                |     |     |
| 1261 |      | 37                              | -0.2           | -2.1           | +2.0           | ∞              | 31.5           | 16.0           | 1.0 |     |
| 1262 |      | 23 07                           |                |                |                | 2.1            | 1.4            |                |     |     |
| 1263 |      | 48                              | +0.5           | -9.0           | +5.0           | ∞              | ∞              | 66.0           |     |     |
| 1264 | 27   | 1 03                            |                |                |                | 7.1            | 14.2           |                |     |     |
| 1265 |      | 38                              | -0.1           | -1.4           |                | 31.0           | 19.4           | 18.0           | 1.0 |     |
| 1266 |      | 3 15                            |                |                |                | 1.2            | 1.9            |                |     |     |
| 1267 |      | 39                              |                | -0.6           |                | 2.8            | 3.3            |                | 1.2 |     |
| 1268 |      | 5 35                            | -0.2           | -0.6           |                | 16.0           | 13.2           |                | 1.6 |     |
| 1269 |      | 8 16                            | -0.1           | +0.2           | +2.5           | 60.0           | ∞              | 10.0           | 1.2 |     |
| 1270 |      | 37                              |                |                |                | 2.2            | 2.3            |                |     |     |
| 1271 |      | 55                              |                |                |                | 1.3            | 2.9            |                |     |     |
| 1272 |      | 10 06                           |                |                |                | 4.5            | 6.8            |                |     |     |
| 1273 |      | 07                              |                |                |                | 4.6            | 5.0            |                |     |     |
| 1274 |      | 09                              |                |                |                | 5.3            | 3.1            |                |     |     |
| 1275 |      | 24                              | -0.4           | +0.6           |                | 3.9            | 6.3            |                | 1.8 |     |
| 1276 |      | 26                              |                |                |                | 14.5           | 20.0           |                |     |     |
| 1277 |      | 30                              | 0.0            | -0.4           | +0.5           | 72.5           | 29.5           | 20.0           | 1.8 |     |
| 1278 |      | 39                              |                |                |                | 3.9            | 3.5            |                |     |     |
| 1279 |      | 40                              |                |                |                | 2.2            | 2.3            |                |     |     |
| 1280 |      | 12 40                           |                |                |                | 2.4            | 2.5            |                |     |     |
| 1281 |      | 13 12                           |                |                |                | 2.4            | 3.3            |                |     |     |
| 1282 |      | 31                              |                |                |                | 5.7            | 4.3            |                |     |     |
| 1283 |      | 15 40                           |                |                |                | 1.1            | 2.0            |                |     |     |
| 1284 |      | 16 01                           |                |                |                | 1.6            | 4.2            |                |     |     |
| 1285 |      | 08                              |                |                |                | 3.3            | 3.0            |                |     |     |
| 1286 |      | 17 09                           |                |                |                | 1.2            | 2.0            |                |     |     |
| 1287 |      | 15                              |                |                |                | 5.2            | 6.8            |                | 1.8 |     |

| 番 號  | 月 日  | 時 分                             | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|------|------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|      |      |                                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 1288 | Ⅲ 27 | 17 <sup>h</sup> 16 <sup>m</sup> | +0.0           | +0.9           | +2.0           | 56.0           | 46.5           | 47.0           | 1.9 | 有 感 |
| 1289 |      | 38                              |                |                |                | 1.6            | 3.1            |                |     |     |
| 1290 |      | 22 06                           |                |                |                | 9.0            | 17.0           |                | 1.4 |     |
| 1291 |      | 53                              | -0.4           | +0.3           | +7.0           | ∞              | ∞              | 35.0           | 0.8 |     |
| 1292 |      | 28 1 27                         | +0.2           | -0.4           |                | 46.0           | 39.0           |                | 1.4 |     |
| 1293 |      | 31                              |                |                |                | 1.7            | 2.0            |                |     |     |
| 1294 |      | 37                              |                |                |                | 3.9            | 8.4            |                |     |     |
| 1295 |      | 50                              |                |                |                | 2.6            | 5.5            |                |     |     |
| 1296 |      | 3 07                            |                |                |                | 1.5            | 1.2            |                |     |     |
| 1297 |      | 11 13                           |                |                |                | 2.4            | 3.4            |                |     |     |
| 1298 |      | 13                              |                |                |                | 43.5           | ∞              |                |     |     |
| 1299 |      | 22 12                           | +0.4           | -0.75          | -4.3           | ∞              | ∞              | 23.0           | 1.3 |     |
| 1300 | 28   | 23 06                           | -0.3           | +0.2           | +0.5           | 13.5           | 16.5           | 6.5            | 1.7 | 有 感 |
| 1301 |      | 10                              | 0.0            | +0.3           | +0.4           | 12.5           | 12.0           | 9.0            | 2.0 |     |
| 1302 |      | 15                              |                |                |                | 11.0           | 16.0           | 6.0            | 2.0 |     |
| 1303 |      | 29 2 54                         |                |                |                | 2.0            | 2.3            | 1.2            |     |     |
| 1304 |      | 6 38                            |                |                |                | 3.2            | 3.7            | 1.0            |     |     |
| 1305 |      | 14 54                           | -0.15          | +0.3           | +1.6           | 53.0           | 17.0           | 8.5            | 1.8 |     |
| 1306 |      | 17 33                           |                |                |                | 1.1            | 2.8            | 1.2            |     |     |
| 1307 |      | 19 22                           |                |                |                | 4.7            | 3.4            | 0.9            |     |     |
| 1308 |      | 22 29                           |                |                |                | 1.4            | 2.4            | 0.6            |     |     |
| 1309 |      | 30 1 54                         |                |                |                | 1.3            | 1.7            | 1.0            |     |     |
| 1310 |      | 6 58                            |                | +0.25          | +0.35          | 11.5           | 11.0           | 13.0           | 2.0 |     |
| 1311 |      | 7 12                            |                | +0.1           | +0.4           | 3.5            | 2.0            | 1.9            | 1.5 |     |
| 1312 | 29   | 12                              | 0.0            | -0.7           | +0.4           | 6.2            | 3.0            | 5.5            | 1.5 | 有 感 |
| 1313 |      | 13 43                           | +0.3           | -0.2           |                | 3.5            | 3.2            |                | 1.6 |     |
| 1314 |      | 56                              |                |                |                | 2.2            | 12.4           | 0.7            |     |     |
| 1315 |      | 57                              |                |                |                | 0.9            | 1.6            | 0.5            |     |     |
| 1316 |      | 31 22 47                        | +0.3           |                | +0.9           | 10.9           | 11.2           | 4.0            | 1.8 |     |
| 1317 |      | 2 24                            |                |                |                | 1.5            | 2.2            | 1.6            |     |     |
| 1318 |      | 34                              |                |                |                | 3.2            | 2.8            | 0.8            |     |     |
| 1319 |      | 3 28                            | -0.5           | +0.1           | +1.4           | ∞              | ∞              | 42.0           | 0.8 |     |
| 1320 |      | 31                              |                |                | +0.8           |                |                | 46.2           | 1.2 |     |

| 番 號  | 月 日  | 時 分                            | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|------|------|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|      |      |                                | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 1321 | Ⅲ 31 | 4 <sup>h</sup> 24 <sup>m</sup> |                |                |                |                |                | 4.7            | 1.4 |     |
| 1322 |      | 25                             |                |                | -0.2           |                |                | 13.5           |     |     |
| 1323 |      | 25                             |                |                |                |                |                | 2.2            |     |     |
| 1324 |      | 48                             |                |                |                |                |                | 11.0           |     |     |
| 1325 |      | 5 37                           |                |                | +0.3           |                |                | 1.1            |     |     |
| 1326 |      | 6 36                           |                |                | +0.3           |                |                | 3.0            |     | 1.0 |
| 1327 |      | 13 31                          |                |                |                | 2.1            | 1.9            | 1.7            |     |     |
| 1328 |      | 22                             |                |                | +0.2           | 5.4            | 5.8            | 3.8            |     | 1.9 |
| 1329 |      | 15 37                          |                | +0.05          | +0.25          | 2.1            | 2.0            | 2.8            |     | 0.8 |
| 1330 |      | 16 20                          |                |                | +0.4           |                | 1.2            | 1.2            |     |     |
| 1331 | Ⅳ 1  | 21 34                          | +0.3           | +1.5           | -1.7           | 5.7            | 6.2            | 5.2            | 2.0 |     |
| 1332 |      | 1 49                           | -0.1           | -0.8           | +0.7           | 6.7            | 7.5            | 4.8            | 1.0 |     |
| 1333 |      | 2 17                           | +0.2           | -0.2           | +0.8           | 10.0           | 8.8            | 6.0            | 1.9 |     |
| 1334 |      | 4 23                           |                |                |                | 1.8            | 3.6            | 1.4            |     |     |
| 1335 |      | 10 03                          |                |                |                | 3.5            | 7.3            | 2.3            |     |     |
| 1336 |      | 50                             |                |                | -0.3           | 3.1            | 4.0            | 4.9            |     |     |
| 1337 |      | 11 06                          |                | -1.7           | +0.7           | 26.6           | 13.0           | 7.0            | 1.8 |     |
| 1338 |      | 14 29                          |                |                |                | 1.7            | 1.5            | 1.3            |     |     |
| 1339 |      | 15 22                          |                |                |                | 2.3            | 2.8            | 1.2            |     |     |
| 1340 |      | 21 03                          |                |                |                | 2.3            | 3.0            | 1.2            |     |     |
| 1341 |      | 03                             | -0.2           | +0.35          | +3.0           | ∞              | 27.8           | 21.0           | 2.0 |     |
| 1342 |      | 2 5 12                         |                |                |                | 3.0            | 5.0            | 2.0            |     |     |
| 1343 |      | 8 08                           |                |                | +0.3           | 31.0           | 17.5           | 10.7           | 1.6 |     |
| 1344 |      | 14 51                          |                | -0.15          | -0.2           | 2.2            | 2.7            | 1.5            | 0.8 |     |
| 1345 |      | 52                             |                |                |                | 1.5            | 2.2            | 1.1            |     |     |
| 1346 |      | 17 00                          | -0.2           | +0.3           | +2.65          | ∞              | 28.0           | 16.0           | 2.0 |     |
| 1347 |      | 05                             |                |                |                |                | 1.5            | 1.5            |     |     |
| 1348 |      | 17                             |                |                |                |                | 1.4            | 1.0            |     |     |
| 1349 |      | 19 04                          |                |                | +0.35          | 2.3            | 2.6            | 1.3            |     |     |
| 1350 |      | 20 43                          |                | -0.85          | +1.2           | 5.4            | 11.5           | 5.1            |     |     |
| 1351 |      | 21 45                          | -0.1           | +1.0           | +2.0           | ∞              | 39.5           | 15.5           | 2.0 |     |
| 1352 |      | 52                             |                | +0.15          | +0.9           |                | 14.8           | 7.2            | 1.5 |     |
| 1353 |      | 23 16                          |                |                |                | 14.5           | 14.5           | 9.7            |     |     |

| 番 號  | 月 日 | 時 分                            | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|------|-----|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|      |     |                                | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 1354 | Ⅳ 3 | 0 <sup>h</sup> 33 <sup>m</sup> |                |                | -0.25          | 2.6            | 4.4            | 1.9            |     |     |
| 1355 |     | 2 58                           |                |                | +0.3           | 2.9            | 3.9            | 1.2            |     |     |
| 1356 |     | 8 05                           |                |                |                | 1.5            | 2.2            | 1.0            |     |     |
| 1357 |     | 9 39                           |                |                |                | 1.7            | 2.8            | 1.4            |     |     |
| 1358 |     | 13 50                          |                |                | +0.4           | 4.5            | 3.5            | 3.3            |     |     |
| 1359 |     | 51                             |                |                |                | 1.0            | 1.9            | 0.6            |     |     |
| 1360 |     | 4 5 20                         |                |                | +0.1           | 4.6            | 2.7            | 2.1            |     |     |
| 1361 |     | 8 36                           | -0.6           | +0.2           | +3.7           | ∞              | ∞              | 36.0           |     | 有 感 |
| 1362 |     | 10 57                          |                | +0.7           | -1.8           | 6.7            | 16.5           | 9.5            | 1.2 |     |
| 1363 |     | 11 13                          |                | -0.6           | +0.15          | 3.8            | 4.7            | 2.1            |     |     |
| 1364 |     | 20 16                          |                |                |                | 6.3            | 6.1            | 4.2            |     |     |
| 1365 |     | 21 06                          |                |                |                | 13.5           | 11.5           | 9.5            |     |     |
| 1366 |     | 22 37                          |                |                |                | 2.8            | 2.0            | 1.2            |     |     |
| 1367 |     | 5 7 22                         |                |                |                | 1.3            | 1.5            | 1.0            |     |     |
| 1368 |     | 10 45                          |                |                | -0.2           | 3.9            | 6.0            | 1.8            |     |     |
| 1369 |     | 13 02                          |                |                | +0.3           | 7.5            | 5.3            | 3.3            |     |     |
| 1370 |     | 18 15                          |                |                |                | 2.0            | 2.0            | 1.3            |     |     |
| 1371 |     | 19 07                          | -0.8           | +0.9           | +0.9           | ∞              | ∞              | ∞              | 1.0 |     |
| 1372 |     | 6 2 52                         | -0.2           | +0.3           | +0.25          | 3.8            | 3.7            | 1.7            | 2.0 |     |
| 1373 |     | 3 55                           | -0.3           | +0.9           | +0.7           | ∞              | ∞              | 33.5           | 1.5 |     |
| 1374 |     | 10 08                          |                | -0.6           | +0.3           | 8.5            | 4.3            | 3.5            | 1.3 |     |
| 1375 |     | 14 27                          |                |                |                | 1.3            | 3.2            | 1.0            |     |     |
| 1376 |     | 27                             |                |                | +1.5           | 8.2            | 16.5           | 9.3            |     |     |
| 1377 |     | 7 0 31                         |                |                |                | ∞              | ∞              | 34.2           |     |     |
| 1378 |     | 4 42                           | -0.2           | +0.3           | -0.5           | 7.2            | 6.4            | 2.4            |     |     |
| 1379 |     | 6 08                           |                |                |                | 4.0            | 3.8            | 2.7            |     |     |
| 1380 |     | 8 16                           |                | -0.8           |                | 3.8            | 3.8            |                | 1.4 |     |
| 1381 |     | 18                             |                | -0.25          | -0.4           |                | 5.1            | 3.9            | 2.2 |     |
| 1382 |     | 13 40                          |                |                | +0.15          | 1.4            | 2.3            | 1.1            |     |     |
| 1383 |     | 17 02                          |                |                |                | 1.8            | 2.6            | 1.4            |     |     |
| 1384 |     | 18 15                          |                |                |                | 3.2            | 3.2            | 3.1            |     |     |
| 1385 |     | 20 16                          |                |                |                | 3.8            | 3.4            | 3.1            |     |     |
| 1386 |     | 22 20                          | -1.4           | +1.4           |                | 44.5           | 28.3           | 16.3           | 0.9 |     |

| 番 號  | 月 日 | 時 分                               | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|------|-----|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|      |     |                                   | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 1387 | Ⅶ 8 | 19 <sup>11</sup> 52 <sup>21</sup> |                |                | +0.1           | 2.4            | 3.3            | 1.9            | 4.0 |     |
| 1388 |     | 20 54                             | -1.0           | -0.6           | -1.7           | ∞              | ∞              | ∞              |     |     |
| 1389 |     | 21 47                             |                | +0.3           | +1.0           | 7.5            | 5.5            | 4.2            |     |     |
| 1390 |     | 9 5 44                            |                | +0.3           | +0.4           | 7.7            | 15.0           | 3.0            |     |     |
| 1391 | 9   | 9 06                              |                |                | +0.9           | 9.0            | 17.2           | 4.5            |     |     |
| 1392 |     | 10 53                             |                |                | +0.7           | 6.4            |                |                |     |     |
| 1393 |     | 54                                |                |                |                | 16.8           | 14.0           | 10.0           |     |     |
| 1394 |     | 14 28                             |                |                |                | 16.8           | 14.0           | 10.0           |     |     |
| 1395 |     | 18 31                             |                |                | +1.0           | 5.1            | 3.1            | 2.3            |     |     |
| 1396 |     | 31                                |                |                | +1.0           | 5.2            | 3.0            | 1.9            |     |     |
| 1397 |     | 42                                |                |                |                | 2.0            | 1.5            | 1.2            |     |     |
| 1398 |     | 10 10 53                          |                |                | +0.7           | 7.0            | 15.0           | 3.3            |     |     |
| 1399 |     | 12 20                             |                |                | +0.6           | 7.5            | 13.5           | 4.8            |     |     |
| 1400 |     | 13 58                             | +0.25          | -1.4           | -7.3           | ∞              | ∞              | 42.3           | 1.0 |     |
| 1401 | 10  | 14 37                             |                |                | +0.3           |                |                | 1.5            |     |     |
| 1402 |     | 40                                |                |                | -0.4           |                |                | 1.5            |     |     |
| 1403 |     | 15 39                             |                |                | -0.4           |                |                | 1.6            |     |     |
| 1404 |     | 19 17                             | -0.45          |                | +1.5           | 34.0           | 48.0           | 62.7           |     |     |
| 1405 |     | 20 51                             | -0.7           | +0.5           | +1.4           | 34.0           | 48.0           | 11.0           | 1.3 |     |
| 1406 |     | 11 7 24                           |                | +0.6           | -0.8           | 6.0            | 5.7            | 3.2            | 2.0 |     |
| 1407 |     | 8 50                              |                |                | +0.2           | 3.0            | 4.0            | 2.1            |     |     |
| 1408 |     | 12 33                             |                |                | -0.3           | 2.9            | 3.0            | 4.0            |     |     |
| 1409 |     | 13 53                             |                | -0.5           | +0.4           | 2.6            | 2.6            | 1.6            |     |     |
| 1410 | 12  | 4 42                              |                |                | -0.2           | 2.2            | 1.5            | 2.1            | 1.4 |     |
| 1411 | 13  | 1 29                              |                | +0.4           | -0.65          | 11.0           | 19.0           | 7.7            |     |     |
| 1412 |     | 5 33                              |                |                | +0.3           | 3.3            | 10.8           | 2.7            |     |     |
| 1413 |     | 36                                |                |                | -0.3           | 18.5           | 23.0           | 10.4           |     |     |
| 1414 |     | 12 52                             | -10.7          | +8.5           | +13.9          | ∞              | ∞              | ∞              | 1.8 |     |
| 1415 |     | 59                                | +0.2           | +0.3           | +0.4           | 8.8            | 7.0            | 3.7            |     |     |
| 1416 |     | 14 13                             |                |                | +4.6           |                |                |                |     |     |
| 1417 |     | 22                                |                |                |                |                |                | 1.6            |     |     |
| 1418 |     | 24                                |                |                | +0.8           |                |                | 24.0           | 1.0 |     |
| 1419 |     | 15 44                             |                |                | +3.6           |                |                | 22.1           |     |     |

| 番 號  | 月 日  | 時 分                             | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|------|------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|      |      |                                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 1420 | Ⅳ 18 | 15 <sup>h</sup> 54 <sup>m</sup> | -0.2           | +1.1           | +1.5           | 31.6           | 24.6           | 11.2           | 2.1 |     |
| 1421 |      | 16 02                           | -0.15          |                | +2.0           | ∞              | ∞              | 33.0           | 2.1 |     |
| 1422 |      | 18 21                           |                |                |                | 2.4            | 2.8            | 1.8            |     |     |
| 1423 |      | 21                              |                |                | +0.3           | 2.6            | 5.0            | 1.6            |     |     |
| 1424 |      | 19 09                           | -0.15          |                | +2.2           | 8.0            | 15.0           | 12.5           | 1.8 |     |
| 1425 |      | 20 59                           |                |                | +0.6           | 3.4            | 3.8            | 5.0            |     |     |
| 1426 |      | 14 6 23                         | -0.5           | -4.3           | +3.5           | ∞              | ∞              | 25.0           | 2.0 |     |
| 1427 |      | 9 39                            |                |                | +0.9           | 9.8            | 6.4            | 6.2            | 1.2 |     |
| 1428 |      | 11 43                           |                |                | -0.15          | 2.0            | 2.6            | 2.5            |     |     |
| 1429 |      | 13 46                           |                | -0.2           | +0.2           | 3.0            | 3.8            | 3.1            | 1.2 |     |
| 1430 |      | 14 34                           |                |                | +4.8           |                |                | 66.0           |     |     |
| 1431 |      | 16 35                           | +0.15          | -0.4           | +0.7           | 3.5            | 3.0            | 3.2            | 1.2 |     |
| 1432 |      | 20 45                           | 0.0            | -0.3           | +0.1           | 3.8            | 2.1            | 2.0            |     |     |
| 1433 | 15   | 0 03                            |                |                |                | 2.9            | 2.3            | 1.7            |     | 有 感 |
| 1434 |      | 3 30                            | +0.1           | +0.25          | +1.7           | 18.0           | 20.5           | 9.5            | 2.0 |     |
| 1435 |      | 7 58                            |                |                |                | 3.0            | 5.0            | 3.5            |     |     |
| 1436 |      | 11 46                           |                | +0.2           | +1.3           | 10.0           | 8.8            | 6.0            | 1.4 |     |
| 1437 |      | 15 35                           |                |                | +0.5           | 6.2            | 5.8            | 4.4            | 2.8 |     |
| 1438 |      | 20 24                           |                |                | +0.5           | 5.4            | 7.1            | 3.0            |     |     |
| 1439 |      | 32                              | -1.0           | +0.8           | +9.5           | ∞              | ∞              | ∞              |     |     |
| 1440 |      | 40                              |                |                | +0.35          | 2.7            | 5.3            | 1.5            |     |     |
| 1441 |      | 45                              |                | -0.5           | +1.9           | 7.7            | 8.5            | 8.4            | 1.8 |     |
| 1442 |      | 21 00                           |                |                |                | 4.8            | 6.8            | ?              |     |     |
| 1443 |      | 22 48                           | -0.8           | +0.5           | +2.1           |                |                | 19.0           |     |     |
| 1444 |      | 51                              |                |                | +0.5           |                |                | 3.5            |     |     |
| 1445 |      | 23 21                           |                |                |                |                |                | 2.9            |     |     |
| 1446 | 16   | 23                              |                |                |                |                |                | 2.6            |     |     |
| 1447 |      | 0 08                            |                |                | +1.5           |                |                | 14.7           |     |     |
| 1448 |      | 39                              |                |                | +1.5           |                |                | 14.7           |     |     |
| 1449 |      | 1 54                            |                |                |                |                |                | 2.6            |     |     |
| 1450 |      | 2 36                            |                |                | +1.0           |                |                | 4.8            |     |     |
| 1451 |      | 47                              |                |                | +0.8           |                |                | 6.2            |     |     |
| 1452 |      | 3 04                            |                |                | +0.3           |                |                | 1.2            |     |     |

| 番 號  | 月 日   | 時 分                            | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|------|-------|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|      |       |                                | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 1453 | IV 16 | 3 <sup>h</sup> 15 <sup>m</sup> |                |                |                |                |                | 1.5            |     |     |
| 1454 |       | 19                             |                |                | +2.5           |                |                | 15.6           |     |     |
| 1455 |       | 4 42                           |                |                | +3.2           |                |                | 26.0           |     |     |
| 1456 |       |                                |                |                |                |                |                | ∞              |     |     |
| 1457 |       | 46                             |                |                |                |                | 5.6            |                |     |     |
| 1458 |       | 54                             |                |                |                | 2.3            | 2.4            | 1.6            |     |     |
| 1459 |       | 9 51                           |                |                |                | 0.8            | 1.8            | 0.9            |     |     |
| 1460 |       | 57                             |                |                |                | 0.9            | 2.5            | 1.3            |     |     |
| 1461 |       | 17 6 35                        |                |                |                | 1.7            | 3.2            | 1.2            |     |     |
| 1462 |       | 12 00                          |                |                |                | 3.0            | 2.0            |                |     |     |
| 1463 | 17    | 16 12                          |                |                | +0.25          | 4.5            | 5.3            | 4.8            |     |     |
| 1464 |       | 37                             |                |                | -0.6           | 2.7            | 3.0            | 2.8            |     |     |
| 1465 |       | 17 13                          |                | -0.8           | +0.4           | 10.0           | 15.8           | 8.2            | 1.2 |     |
| 1466 |       | 21                             |                | -0.5           | +4.2           | 5.7            | 5.8            | 3.5            | 1.2 |     |
| 1467 |       | 19 03                          |                |                | +0.6           | ∞              | 32.0           | 29.7           | 1.4 |     |
| 1468 |       | 18 3 26                        | -0.2           | -1.4           | -5.3           | 17.4           | 18.0           | 11.5           | 1.4 |     |
| 1469 |       | 12 26                          | 0.0            | -0.4           | +0.4           | ∞              | 14.5           | 8.8            | 1.1 |     |
| 1470 |       | 21 34                          |                |                |                | 2.1            | 1.4            | 0.6            |     |     |
| 1471 |       | 34                             |                |                |                | 1.8            | 2.5            | 1.2            |     |     |
| 1472 |       | 19 1 46                        |                |                | +0.15          | 1.4            | 1.4            | 2.5            |     |     |
| 1473 | 20    | 14 26                          |                |                |                | 1.2            | 1.0            | 0.5            |     |     |
| 1474 |       | 15 26                          | +0.1           |                | -0.6           | 5.5            | 3.0            | 3.5            |     |     |
| 1475 |       | 20 47                          | +0.2           |                | +1.0           | 6.8            | 8.8            | 4.3            |     |     |
| 1476 |       | 21 03                          |                |                |                | 0.7            | 1.2            | 0.7            | 1.8 |     |
| 1477 |       | 23 29                          |                |                |                | 1.6            | 2.5            | 1.3            |     |     |
| 1478 |       | 2 41                           |                |                |                | 1.0            | 1.5            | 0.8            |     |     |
| 1479 |       | 16 48                          |                |                |                | 1.4            | 1.4            | 0.6            |     |     |
| 1480 |       | 18 25                          |                |                |                | 3.6            | 1.4            | 1.6            |     |     |
| 1481 |       | 22 18                          |                |                |                | 2.2            | 1.5            | 0.7            |     |     |
| 1482 |       | 21 3 03                        |                |                |                | 1.9            | 2.3            | 1.9            |     |     |
| 1483 | 21    | 19                             | +0.15          | +0.4           | -0.3           | 17.9           | 7.6            | 3.8            | 1.9 |     |
| 1484 |       | 7 06                           |                |                | +0.2           | 9.0            | 7.4            | 4.3            | 1.2 |     |
| 1485 |       | 8 50                           |                |                | -1.3           | 6.6            | 9.8            | 6.1            |     |     |

| 番 號  | 月 日 | 時 分   | 初 動                            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |          |
|------|-----|-------|--------------------------------|----------------|----------------|----------------|----------------|----------------|-----|-----|----------|
|      |     |       | P <sub>N</sub>                 | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |          |
| 1486 | 11  | 21    | 9 <sup>h</sup> 25 <sup>m</sup> | -0.4           | +0.3           | +0.5           | 3.2            | 2.7            | 1.5 | 1.2 | 有感<br>同上 |
| 1487 |     | 23 03 | +2.0                           |                |                | 23.5           | 7.8            | 8.3            |     |     |          |
| 1488 |     | 22    | 3 36                           |                |                |                | 6.6            | 8.8            | 8.3 |     |          |
| 1489 |     |       | 20 00                          |                |                | +0.3           | 3.5            | 3.7            | 3.9 |     |          |
| 1490 |     | 23    | 0 51                           |                |                |                | 1.2            | 2.8            | 1.1 |     |          |
| 1491 |     |       | 4 58                           |                |                | +0.3           | 3.3            | 3.3            | 2.1 |     |          |
| 1492 |     |       | 10 46                          |                |                | +0.5           | 4.0            | 5.0            | 2.6 |     |          |
| 1493 |     |       | 15 31                          |                |                |                | 7.5            | 5.2            | 2.2 |     |          |
| 1494 |     |       |                                |                |                |                |                |                |     |     |          |
| 1495 |     |       | 18 43                          |                |                |                | -0.35          | 1.4            | 2.1 |     |          |
| 1496 |     | 22 02 |                                |                | 1.8            | 2.4            | 0.7            |                |     |     |          |
| 1497 | 24  | 22 40 |                                |                | 0.7            | 1.9            | 1.4            |                |     |     |          |
| 1498 | 25  | 1 46  |                                |                | 1.6            | 1.5            | 0.8            |                |     |     |          |
| 1499 |     | 56    | -3.2                           | +1.8           | +12.4          |                |                |                |     |     |          |
| 1500 |     | 2 59  | -4.4                           |                |                | ∞              | ∞              |                |     |     |          |
| 1501 |     | 3 06  |                                |                |                | 1.0            | 1.3            | 0.8            |     |     |          |
| 1502 |     | 10    |                                |                |                | 0.7            | 1.6            | 0.5            |     |     |          |
| 1503 |     | 15    |                                |                |                | 1.4            | 2.3            | 1.0            |     |     |          |
| 1504 |     | 24    |                                |                | +0.3           | 2.6            | 4.5            | 2.7            |     |     |          |
| 1505 |     | 33    |                                |                | +0.8           | 1.2            | 3.4            | 2.4            |     |     |          |
| 1506 |     | 4 26  |                                |                |                | 8.0            | 8.2            | 5.0            |     |     |          |
| 1507 |     | 30    | -0.2                           |                | -1.0           | 4.4            | 3.7            | 4.5            |     |     |          |
| 1508 |     | 8 34  |                                |                | +1.6           | ∞              | ∞              | 27.5           |     |     |          |
| 1509 |     | 11 33 |                                |                | +0.2           | 1.0            | 2.0            | 1.1            |     |     |          |
| 1510 | 26  | 4 30  |                                | +0.3           | -0.5           | 2.1            | 2.9            | 3.8            |     |     |          |
| 1511 | 27  | 11 35 |                                |                | +0.55          | 6.7            | 6.5            | 7.0            |     |     |          |
| 1512 |     | 23 44 |                                |                |                | 0.7            | 1.7            | 0.6            |     |     |          |
| 1513 | 28  | 3 31  |                                |                | +0.1           | 1.3            | 1.5            | 0.7            |     |     |          |
| 1514 |     | 13 23 | 0.0                            | -1.1           | +0.8           | ∞              | 35.4           | 17.2           |     |     |          |
| 1515 |     | 25    |                                |                |                | 3.7            | 2.7            | 2.4            |     |     |          |
| 1516 |     | 26    |                                |                |                | 3.2            | 1.8            | 1.4            |     |     |          |
| 1517 |     | 27    |                                |                |                | 4.6            | 2.3            | 1.0            |     |     |          |
| 1518 |     | 28    |                                |                |                | 1.6            | 0.9            | 0.5            |     |     |          |



| 番 號  | 月 日   | 時 分                             | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|------|-------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|      |       |                                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 1519 | IV 28 | 13 <sup>h</sup> 32 <sup>m</sup> |                |                |                | 1.7            | 0.7            | 0.5            |     |     |
| 1520 |       | 32                              |                |                |                | 1.8            | 1.3            | 0.8            |     |     |
| 1521 |       | 34                              | -0.5           | -1.4           | +3.5           | ∞              | ∞              | 17.0           | 1.4 |     |
| 1522 |       | 46                              |                |                | +0.7           | 4.3            | 4.4            | 2.7            |     |     |
| 1523 |       | 19 41                           | 0.0            |                | -1.2           | 7.1            | 7.6            | 5.6            | 1.5 |     |
| 1524 |       | 29 14 59                        | 0.0            | -0.55          | +0.5           | 7.3            | 4.9            | 3.7            | 1.4 |     |
| 1525 |       | 15 00                           |                |                | +0.1           | 1.3            | 1.4            | 1.0            |     |     |
| 1526 |       | 30 4 52                         |                |                | +0.2           | 2.4            | 2.8            | 2.7            |     |     |
| 1527 |       | 6 06                            |                |                |                | 3.2            | 5.6            | 2.6            |     |     |
| 1528 |       | 09                              |                |                |                | 1.3            | 1.6            | 0.8            |     |     |
| 1529 |       | 8 46                            |                |                |                | 2.7            | 1.6            | 0.8            |     |     |
| 1530 |       | 11 43                           |                |                |                | 2.7            | 4.4            | 2.8            | 2.8 |     |
| 1531 | V 1   | 12 25                           |                |                | -0.1           | 5.2            | 5.3            | 5.2            | 2.8 |     |
| 1532 |       | 16 43                           |                |                |                | 3.6            | 3.0            | 2.0            |     |     |
| 1533 |       | 18 14                           |                |                |                | 1.9            | 2.1            | 0.9            |     |     |
| 1534 |       | 2 12 21                         |                |                | +0.25          | 3.9            | 2.2            | 1.3            |     |     |
| 1535 |       | 3 2 51                          | -0.1           | -0.5           | +0.6           | 19.5           |                |                | 2.4 |     |
| 1536 |       | 5 15                            | -0.5           |                | -0.3           | 14.3           | 8.5            | 7.0            | 2.2 |     |
| 1537 |       | 4 18 42                         |                |                |                | 0.8            | 1.8            | 1.2            |     |     |
| 1538 |       | 19 59                           |                | +0.2           | +0.8           | 5.0            | 5.2            | 5.0            |     |     |
| 1539 |       | 5 2 28                          |                |                | +0.3           | 4.0            | 3.1            | 1.8            |     |     |
| 1540 |       | 5 27                            |                |                |                | 0.9            | 2.3            | 0.9            |     |     |
| 1541 |       | 7 29                            |                |                |                | 3.3            | 3.3            | 0.8            |     |     |
| 1542 |       | 8 09                            |                |                |                | 1.0            | 2.0            | 0.8            |     |     |
| 1543 |       | 36                              |                |                |                | 1.3            | 3.7            | 1.0            |     |     |
| 1544 |       | 13 07                           |                | -0.9           | +0.4           | 7.0            | 8.5            | 6.5            | 0.7 |     |
| 1545 |       | 16 14                           | -0.4           | +1.2           | -34.3          | ∞              | ∞              | ∞              |     |     |
| 1546 |       | 18 28                           |                |                |                | 1.1            | 2.0            | 1.4            |     |     |
| 1547 |       | 19 17                           |                |                | +0.25          | 4.2            | 4.9            | 3.0            | 1.2 |     |
| 1548 |       | 20 33                           | +0.3           | +1.4           | -0.8           | 15.0           | 16.0           | 7.8            | 1.5 |     |
| 1549 |       | 25 38                           | -0.5           | +10.9          | -28.0          | ∞              | ∞              | ∞              |     | 有 感 |
| 1550 |       | 38                              |                |                |                | 4.5            |                | 2.2            |     |     |
| 1551 |       | 38                              |                |                |                |                |                | 2.0            |     |     |

| 番 號  | 月 日 | 時 分 | 初 動                             |                |                | 最 大 振 幅        |                |                | p~s  | 記 事 |            |
|------|-----|-----|---------------------------------|----------------|----------------|----------------|----------------|----------------|------|-----|------------|
|      |     |     | P <sub>N</sub>                  | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |      |     |            |
| 1552 | V   | 5   | 20 <sup>h</sup> 49 <sup>m</sup> |                | +0.5           | -0.15          | 12.4           | 9.0            | 8.0  | 1.7 | 有 感<br>同 上 |
| 1553 |     |     |                                 |                |                |                | ∞              | ∞              | ∞    |     |            |
| 1554 |     |     |                                 |                |                |                | ∞              | ∞              | ∞    |     |            |
| 1555 |     |     |                                 |                |                |                | 2.5            | 2.6            | 2.5  |     |            |
| 1556 |     |     |                                 |                |                |                | 3.1            | 4.4            | 2.2  |     |            |
| 1557 |     | 21  | 00                              |                |                |                | 6.3            | 6.3            | 3.5  |     |            |
| 1558 |     |     | 00                              |                |                |                | 4.6            | 3.2            | 1.7  |     |            |
| 1559 |     |     | 01                              |                |                |                | 11.6           | 6.0            | 5.5  |     |            |
| 1560 |     |     | 01                              |                |                |                | ∞              | ∞              | ∞    |     | 有 感        |
| 1561 |     |     | 28                              |                |                | -0.4           | 2.2            | 14.7           | 1.9  |     |            |
| 1562 |     |     | 28                              | -2.2           | -3.7           | +3.8           | ∞              | ∞              | ∞    | 2.0 |            |
| 1563 |     | 6   | 3 13                            |                |                | -0.4           | 5.2            | 3.8            | 2.9  |     |            |
| 1564 |     |     | 6 22                            |                |                |                | 2.4            | 12.8           | 2.3  |     |            |
| 1565 |     |     | 10 44                           |                |                | +0.1           | 2.1            | 3.8            | 2.8  |     |            |
| 1566 |     |     | 13 25                           |                |                |                | 2.0            | 3.0            | 1.8  |     |            |
| 1567 |     |     | 35                              |                |                |                | 2.4            | 4.2            | 2.5  |     |            |
| 1568 |     |     | 38                              |                |                |                | 1.9            | 3.4            | 1.9  |     |            |
| 1569 |     |     | 15 26                           |                |                |                | ∞              | ∞              | 48.0 |     |            |
| 1570 |     |     | 38                              |                |                |                |                |                | 2.5  |     |            |
| 1571 |     |     | 45                              |                |                |                |                |                | 1.9  |     |            |
| 1572 |     |     | 16 02                           |                |                |                |                |                | 1.1  |     |            |
| 1573 |     |     | 20 18                           |                |                |                | 1.6            | 2.5            | 1.3  |     |            |
| 1574 |     |     | 39                              |                |                | -0.3           | 7.4            | 14.0           | 9.7  |     |            |
| 1575 |     | 7   | 4 15                            | +0.1           | +1.5           | -1.2           | ∞              | ∞              | 20.8 | 1.2 |            |
| 1576 |     |     | 6 30                            |                |                | +1.2           |                |                | 9.0  |     |            |
| 1577 |     |     | 15 51                           |                |                |                | 3.4            | 5.8            | 2.5  |     |            |
| 1578 |     |     | 20 41                           |                |                |                | 5.8            | 4.4            | 2.8  |     |            |
| 1579 |     |     | 23 13                           |                |                | -0.4           | 2.5            | 4.0            | 1.7  |     |            |
| 1580 |     | 8   | 1 54                            |                |                |                | ∞              | 24.0           | 18.9 |     |            |
| 1581 |     |     | 7 07                            |                |                |                | 3.8            | 5.9            | 2.4  |     |            |
| 1582 |     |     | 10 49                           |                |                | -0.7           | 6.4            | 16.5           | 4.6  | 2.0 |            |
| 1583 |     |     | 17 59                           |                |                | -0.3           | 9.0            | 4.0            | 2.5  |     |            |
| 1584 |     | 9   | 3 37                            |                |                | +0.4           | 2.4            | 3.0            | 2.2  |     |            |

| 番 號  | 月 日 | 時 分   | 初 動                            |                |                | 最 大 振 幅        |                |                | p~s  | 記 事        |  |
|------|-----|-------|--------------------------------|----------------|----------------|----------------|----------------|----------------|------|------------|--|
|      |     |       | P <sub>N</sub>                 | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |      |            |  |
| 1585 | V   | 9     | 3 <sup>h</sup> 41 <sup>m</sup> | +0.2           | +0.6           | +3.5           | 67.0           | 20.0           | 33.0 | 1.0        |  |
| 1586 |     | 6 37  |                                |                | +0.55          | 12.0           | 7.7            | 8.4            | 2.1  |            |  |
| 1587 |     | 13 58 |                                |                | +0.23          | 2.7            | 4.9            | 4.5            | 1.4  |            |  |
| 1588 |     | 20 33 | +0.3                           |                | +0.6           | 5.5            | 10.0           | 5.0            | 1.7  |            |  |
| 1589 | 10  | 11 16 | +0.2                           | -0.4           | +0.3           | 18.5           | 9.0            | 6.6            | 1.7  |            |  |
| 1590 | 11  | 6 43  |                                |                | +0.25          | 3.2            | 6.5            | 2.3            |      |            |  |
| 1591 |     | 18 43 | -0.1                           | -0.3           | +0.3           | 12.0           | 8.6            | 4.4            | 2.0  |            |  |
| 1592 | 12  | 8 10  | -0.4                           | -1.4           | +2.4           | 17.8           | 9.0            | 8.2            | 1.8  |            |  |
| 1593 |     | 9 19  |                                |                | +0.2           | 3.6            | 4.3            | 1.2            |      |            |  |
| 1594 |     | 11 52 | +0.2                           | +0.3           | +1.1           | 31.0           | 20.0           | 18.2           | 1.5  |            |  |
| 1595 |     | 13 28 | +0.3                           | +0.4           | -0.7           | 17.8           | 17.0           | 7.5            | 2.0  |            |  |
| 1596 |     | 16 39 |                                |                | +0.25          | 2.2            | 2.3            | 0.8            |      |            |  |
| 1597 |     | 23 53 |                                |                |                | 0.8            | 1.4            | 1.0            |      |            |  |
| 1598 | 13  | 2 58  |                                |                |                | 1.5            | 1.3            | 0.9            |      |            |  |
| 1599 |     | 3 47  | +0.1                           | -1.2           | +1.2           | ∞              | 22.5           | 28.0           | 1.0  |            |  |
| 1600 |     | 14 41 |                                |                | +0.3           | 4.0            | 23.0           | 5.2            | 1.4  |            |  |
| 1601 |     | 15 53 |                                |                |                | 1.8            | 2.0            | 0.7            |      |            |  |
| 1602 |     | 16 39 |                                |                |                | 1.2            | 2.0            | 0.8            |      |            |  |
| 1603 |     | 21 15 | -2.9                           | -1.1           | +2.2           | ∞              | ∞              | ∞              | 0.8  | 有 感        |  |
| 1604 |     | 23 23 |                                |                | -0.35          | 1.8            | 10.3           | 3.7            |      |            |  |
| 1605 |     | 27    |                                | -0.5           | +0.2           | 5.3            | 8.1            | 3.5            | 1.4  |            |  |
| 1606 | 14  | 15 15 |                                |                |                |                |                | 0.9            |      |            |  |
| 1607 |     | 16 02 |                                |                | +0.4           |                |                | 1.9            |      |            |  |
| 1608 | 15  | 6 19  |                                |                |                | 3.4            |                | 1.6            |      |            |  |
| 1609 |     | 10 07 | -4.9                           | -5.3           | +4.8           | ∞              | ∞              | ∞              | 2.0  | 有 感<br>同 上 |  |
| 1610 |     | 14    | -0.15                          | +17.3          | -8.2           | ∞              | ∞              | ∞              |      |            |  |
| 1611 |     | 16 20 |                                |                |                | 2.1            | 2.2            | 1.6            |      |            |  |
| 1612 | 16  | 2 03  |                                |                |                | 4.3            | 3.0            | 1.9            |      |            |  |
| 1613 |     | 10 06 |                                |                |                | 3.6            | 3.4            | 1.2            |      |            |  |
| 1614 |     | 21 55 |                                |                | +1.0           | 3.5            | 3.3            | 2.4            |      |            |  |
| 1615 | 17  | 7 55  |                                |                |                | 2.7            | 2.2            | 1.2            |      |            |  |
| 1616 | 19  | 0 34  |                                |                |                | 4.0            | 6.0            | 5.7            |      |            |  |
| 1617 |     | 3 35  |                                | +0.5           | -0.4           | 43.0           | 41.0           | 15.2           | 1.4  |            |  |

| 番 號  | 月 日     | 時 分   | 初 動                            |                |                | 最 大 振 幅        |                |                | p~s  | 記 事 |  |
|------|---------|-------|--------------------------------|----------------|----------------|----------------|----------------|----------------|------|-----|--|
|      |         |       | P <sub>N</sub>                 | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |      |     |  |
| 1618 | V       | 21    | 8 <sup>h</sup> 24 <sup>m</sup> |                |                | +0.3           | 9.3            | 6.6            | 4.3  | 2.0 |  |
| 1619 |         | 22    | 0 59                           |                | -0.2           | -0.2           | 4.6            | 4.9            | 3.7  | 2.0 |  |
| 1620 |         |       | 1 39                           |                | +0.4           | -0.2           | 3.4            | 3.6            | 3.4  | 1.0 |  |
| 1621 |         |       | 8 41                           | +0.3           | +4.3           | -13.0          | ∞              | ∞              | 61.0 |     |  |
| 1622 |         |       | 10 56                          |                |                | -0.3           | 3.1            | 4.3            | 2.6  |     |  |
| 1623 |         |       | 11 39                          |                |                |                | 3.7            | 3.0            | 2.5  |     |  |
| 1624 |         | 24    | 2 03                           |                |                |                | 2.3            | 9.3            | 2.5  |     |  |
| 1625 |         | 25    | 1 50                           |                |                |                | 3.6            | 3.5            | 1.8  |     |  |
| 1626 |         |       | 17 36                          |                | +1.6           | -12.2          | ∞              | ∞              | ∞    |     |  |
| 1627 |         |       | 39                             |                |                |                | 32.0           | ∞              | 10.6 | 1.0 |  |
| 1628 |         | 46    |                                |                | +1.7           | 16.0           | 16.2           | 9.3            | 1.8  |     |  |
| 1629 |         | 47    |                                |                | +0.5           | 3.3            | 3.3            | 3.0            |      |     |  |
| 1630 |         | 20 47 |                                |                | +0.3           | 1.5            | 1.5            | 0.7            |      |     |  |
| 1631 | 26      | 0 06  |                                |                |                | 1.9            | 1.0            | 0.9            |      |     |  |
| 1632 |         | 19 57 |                                | +0.9           | -1.5           | 51.0           | 29.0           | 12.7           | 1.4  |     |  |
| 1633 |         | 21 01 |                                |                |                | 6.3            | 3.3            | 2.5            |      |     |  |
| 1634 |         | 22 50 |                                |                | +0.7           | 5.3            | 4.0            | 4.9            |      |     |  |
| 1635 | 27      | 21 01 | +0.5                           | +0.8           | +1.9           | 10.0           | 12.5           | 9.3            | 2.2  |     |  |
| 1636 |         | 22 09 |                                |                |                | 2.7            | 3.2            | 1.7            |      |     |  |
| 1637 |         | 28    | 5 09                           |                |                | +0.3           | 3.0            | 3.7            | 1.7  |     |  |
| 1638 |         |       | 7 11                           |                |                |                | 1.0            | 2.7            | 1.8  |     |  |
| 1639 | 11 05   |       |                                |                |                | 1.7            | 2.6            | 1.1            |      |     |  |
| 1640 | 29      | 9 29  |                                | +0.1           | -0.2           | 3.0            | 7.1            | 2.9            | 1.1  |     |  |
| 1641 | 31      | 3 15  |                                |                | +0.5           | 6.1            | 12.0           | 7.7            | 1.4  |     |  |
| 1642 |         | 18 19 |                                | -0.3           | -1.4           | ∞              | 28.0           | 8.3            | 2.3  |     |  |
| 1643 |         | 23 43 |                                | -0.3           | +0.35          | 6.6            | 9.0            | 7.5            | 1.4  |     |  |
| 1644 |         | VI    | 1 10 04                        |                |                | +1.1           | 3.6            | 3.4            | 3.6  |     |  |
| 1645 | 16 23   |       |                                |                | +0.15          | 2.0            | 2.0            | 1.5            |      |     |  |
| 1646 | 20 13   |       |                                |                | -0.9           | 4.7            | 5.5            | 5.2            |      |     |  |
| 1647 | 2 18 32 |       |                                |                |                | 8.2            | 3.3            | 1.5            |      |     |  |
| 1648 |         | 22 23 | +0.2                           | -0.3           | +0.5           | 3.5            | 3.7            | 4.3            | 2.0  |     |  |
| 1649 | 3       | 13 53 |                                |                | +0.3           | 4.1            | 2.3            | 1.6            |      |     |  |
| 1650 |         | 19 32 |                                |                |                | 12.6           | 6.5            | 3.1            |      |     |  |

| 番 號  | 月 日 | 時 分 | 初 動                             |                |                | 最 大 振 幅        |                |                | p~s  | 記 事 |     |
|------|-----|-----|---------------------------------|----------------|----------------|----------------|----------------|----------------|------|-----|-----|
|      |     |     | P <sub>N</sub>                  | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |      |     |     |
| 1651 | Ⅵ   | 3   | 22 <sup>h</sup> 30 <sup>m</sup> | +0.6           | +1.6           | -3.0           |                |                |      | 3.5 | 有 感 |
| 1652 |     | 4   | 2 27                            |                |                | +0.15          | 5.4            | 4.3            | 2.2  |     |     |
| 1653 |     | 8   | 07                              |                |                | -0.6           | 14.0           | 7.0            | 9.2  |     |     |
| 1654 |     | 6   | 3 21                            |                |                | +0.7           | 16.0           | 11.4           | 10.5 | 2.0 |     |
| 1655 |     | 8   | 16 05                           |                |                |                | ∞              | ∞              | 7.8  |     |     |
| 1656 |     | 11  | 10 27                           |                |                |                | 2.2            | 3.1            | 2.1  |     |     |
| 1657 |     |     | 14 10                           |                |                |                | 1.7            | 2.5            | 1.4  |     |     |
| 1658 |     | 12  | 1 39                            |                |                | -0.55          | 8.6            | 10.6           | 7.1  | 2.8 |     |
| 1659 |     |     | 7 07                            |                |                | -0.3           | 1.7            | 2.0            | 2.0  |     |     |
| 1660 |     |     | 8 05                            |                | +0.5           | -0.8           | 12.0           | 11.4           | 7.0  | 1.4 |     |
| 1661 |     | 13  | 7 16                            |                | -0.4           | -0.7           | 44.3           | ∞              | 15.0 | 4—5 |     |
| 1662 |     | 14  | 7 03                            | +0.4           | -0.8           | -2.5           | ∞              | ∞              | 30.0 | 1.2 |     |
| 1663 |     | 19  | 0 24                            |                |                | +0.3           | 1.1            | 1.9            | 2.5  |     |     |
| 1664 |     |     | 2 10                            |                |                | +0.6           | 4.9            | 5.1            | 5.2  |     |     |
| 1665 |     |     | 4 42                            | +0.2           | -0.5           | +1.5           | 7.7            | 5.5            | 13.8 |     |     |
| 1666 |     |     | 43                              |                |                | +0.6           | 3.7            | 3.1            | 3.9  |     |     |
| 1667 |     |     | 44                              |                |                | +0.3           | 1.6            | 2.1            | 1.9  |     |     |
| 1668 |     |     | 59                              |                |                | +0.4           | 2.5            | 3.1            | 3.3  |     |     |
| 1669 |     | 5   | 33                              |                |                | +0.9           | 2.2            | 1.9            | 2.9  |     |     |
| 1670 |     | 20  | 7 53                            | -0.25          | -0.7           | +4.6           | 45.5           | ∞              | 24.0 | 1.4 | 有 感 |
| 1671 |     |     | 13 54                           |                |                | +0.9           |                |                | 4.2  |     |     |
| 1672 |     | 21  | 6 32                            |                |                | -0.4           | 4.8            | 3.4            | 2.9  |     |     |
| 1673 |     | 25  | 11 08                           |                |                | +0.3           | 2.0            | 2.0            | 1.6  |     |     |
| 1674 |     |     | 19 26                           |                |                | +0.45          | 1.9            | 2.3            | 1.1  |     |     |
| 1675 |     |     | 21 00                           | 0.0            | +0.8           | +1.0           | 4.0            | 3.6            | 3.6  | 2.0 |     |
| 1676 |     |     | 02                              | -0.8           | +2.1           | -7.6           | 52.0           | ∞              | 25.0 | 2.0 |     |
| 1677 |     |     | 25                              | -0.2           | +0.6           | -2.0           | 7.1            | 4.7            | 3.4  | 2.4 |     |
| 1678 |     | 26  | 3 09                            | 0.0            | +0.45          | -1.0           | 3.5            | 3.7            | 3.4  | 2.0 |     |
| 1679 |     |     | 10 29                           | -0.4           | -0.7           | +0.9           | 5.5            | 5.0            | 9.0  | 1.8 |     |
| 1680 |     |     | 18 54                           |                |                | +0.7           | 3.9            | 4.8            | 6.3  | 2.0 |     |
| 1681 |     | 27  | 2 37                            |                |                | +0.3           | 3.5            | 2.3            | 2.0  |     |     |
| 1682 |     | 29  | 15 43                           |                | -0.6           | -2.1           | 38.0           | 58.0           | 20.9 | 1.6 |     |
| 1683 |     | 30  | 4 36                            |                |                | -0.25          | 2.1            | 1.5            | 2.1  |     |     |

| 番 號  | 月 日   | 時 分                             | 初 動            |                |                | 最 大 振 幅        |                |                | p~s | 記 事 |
|------|-------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----|
|      |       |                                 | P <sub>N</sub> | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |     |     |
| 1684 | VI 30 | 10 <sup>h</sup> 29 <sup>m</sup> | +0.6           | -1.6           | +0.3           | ∞              | ∞              | 7.14           | 2.0 | 有 感 |
| 1685 |       | 11 36                           |                |                | -0.2           | 2.8            | 3.4            | 1.8            |     |     |
| 1686 |       | 12 23                           |                |                | -4.0           | 12.8           | 9.5            | 6.8            |     |     |
| 1687 |       | 14 23                           |                |                |                | 3.1            | 3.2            | 1.5            |     |     |
| 1688 |       | 19 46                           |                |                | +0.15          | 2.7            | 2.4            | 1.0            |     |     |
| 1689 | VII 1 | 1 32                            |                |                |                | 2.1            | 1.6            | 1.3            |     | 2.0 |
| 1690 |       | 2 26                            |                |                | +0.25          | 2.0            | 2.4            | 1.5            |     |     |
| 1691 |       | 8 12                            |                | +0.7           | -0.9           | 5.2            | 4.6            | 5.8            |     |     |
| 1692 |       | 12 30                           |                |                | +0.35          | 3.3            | 2.4            | 1.7            |     |     |
| 1693 |       | 18 57                           |                |                | -0.2           | 3.9            | 2.6            | 2.4            |     |     |
| 1694 | 2     | 3 07                            |                |                |                | 3.2            | 2.1            | 1.0            |     |     |
| 1695 |       | 10 14                           |                |                | -0.8           | 2.7            | 2.0            | 1.6            |     |     |
| 1696 | 3     | 17 34                           |                |                | +2.2           | 10.0           | 10.8           | 8.5            | 2.2 |     |
| 1697 | 7     | 6 00                            |                |                |                | 2.2            | 2.4            | 1.3            |     |     |
| 1698 |       | 14 16                           | +0.1           |                | -0.6           | 5.2            | 6.2            | 4.0            | 2.0 |     |
| 1699 | 8     | 6 00                            |                |                |                | 2.1            | 3.8            | 1.6            |     | 1.6 |
| 1700 |       | 07                              |                |                | -0.7           | 1.5            | 2.5            | 2.0            |     |     |
| 1701 |       | 19 01                           |                |                |                | 2.1            | 3.3            | 1.2            |     |     |
| 1702 |       | 02                              |                |                |                | 2.8            | 1.9            | 1.4            |     |     |
| 1703 |       | 21 52                           |                |                | -0.3           | 4.4            | 3.7            | 2.2            |     |     |
| 1704 | 9     | 18 52                           |                |                |                | 4.0            | 5.0            | 2.0            |     |     |
| 1705 | 10    | 1 11                            |                |                |                | 3.6            | 3.0            | 1.5            |     |     |
| 1706 |       | 2 00                            |                |                |                | 6.5            | 3.6            | 1.5            |     |     |
| 1707 |       | 37                              |                |                |                | 4.0            | 2.0            | 1.7            |     |     |
| 1708 |       | 56                              |                |                |                | 3.6            | 2.0            | 1.8            |     |     |
| 1709 |       | 7 22                            |                |                |                | 2.3            | 1.5            | 1.2            |     | 1.4 |
| 1710 | 13    | 21 39                           |                |                |                | 6.6            | 4.6            | 2.9            | 1.4 |     |
| 1711 | 14    | 22 58                           |                |                | +0.5           | 12.0           | 11.8           | 6.0            | 1.4 |     |
| 1712 | 15    | 10 34                           |                |                |                | 2.6            | 1.5            | 1.4            |     |     |
| 1713 | 16    | 22 18                           |                |                | -0.35          | 3.7            | 3.3            | 5.1            | 4.0 |     |
| 1714 | 17    | 4 44                            | -0.4           | -1.6           | +1.9           | 48.3           | 38.0           | 17.9           | 1.4 |     |
| 1715 |       | 9 02                            |                |                |                | 1.3            | 1.3            | 1.4            |     |     |
| 1716 |       | 11 24                           |                |                | +0.2           | 2.0            | 2.0            | 1.0            |     |     |

| 番 號  | 月 日 | 時 分   | 初 動                            |                |                | 最 大 振 幅        |                |                | p~s  | 記 事 |  |
|------|-----|-------|--------------------------------|----------------|----------------|----------------|----------------|----------------|------|-----|--|
|      |     |       | P <sub>N</sub>                 | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |      |     |  |
| 1717 | Ⅶ   | 18    | 2 <sup>h</sup> 00 <sup>m</sup> |                |                |                | 1.2            | 1.4            | 0.7  |     |  |
| 1718 |     | 3 48  |                                |                | +0.2           | 1.7            | 1.6            | 0.9            |      |     |  |
| 1719 |     | 9 54  |                                |                |                | 2.2            | 1.7            | 1.2            |      |     |  |
| 1720 |     | 19    | 0 58                           |                | -0.25          | -0.2           | 8.6            | 7.7            | 10.6 | 1.2 |  |
| 1721 |     |       | 4 10                           |                |                |                | 3.0            | 3.5            | 1.6  | 4.0 |  |
| 1722 |     | 22    | 14 24                          |                |                | -0.4           | 5.1            | 3.2            | 3.3  | 2.0 |  |
| 1723 |     | 23    | 6 48                           |                |                | +0.3           | 4.1            | 2.4            | 2.8  | 2.0 |  |
| 1724 |     | 24    | 21 45                          | +0.3           |                | -0.35          | 2.8            | 4.2            | 2.7  | 4.0 |  |
| 1725 |     | 25    | 12 11                          |                |                |                | 2.4            | 2.9            | 1.9  |     |  |
| 1726 |     | 27    | 0 20                           | +0.2           |                | -0.4           | 8.3            | 9.7            | 6.0  | 1.2 |  |
| 1727 |     | 30    | 0 55                           |                |                | -0.15          | 7.7            | 7.1            | 7.7  | 1.2 |  |
| 1728 | Ⅷ   | 1     | 22 22                          | +0.4           | +0.3           | -1.0           | 68.0           | 46.0           | 30.7 | 1.6 |  |
| 1729 |     | 2     | 0 33                           |                |                |                | 8.0            | 5.4            | 1.3  |     |  |
| 1730 |     |       | 21 39                          |                |                | -0.4           | 41.6           | 21.0           | 12.5 |     |  |
| 1731 |     | 3     | 22 49                          |                |                |                | 9.0            | 7.8            | 5.5  |     |  |
| 1732 |     | 6     | 2 07                           |                |                |                | 2.5            | 5.2            | 2.4  |     |  |
| 1733 |     | 7     | 8 00                           |                |                | -1.2           | 3.4            | 6.0            | 3.4  |     |  |
| 1734 |     | 8     | 6 32                           |                |                | -0.3           | 3.7            | 3.4            | 2.4  |     |  |
| 1735 |     |       | 41                             |                |                | -0.3           | 3.7            | 3.4            | 3.2  |     |  |
| 1736 |     |       | 12 25                          |                |                | -0.2           | 2.4            | 2.0            | 1.4  |     |  |
| 1737 |     |       | 17 24                          |                |                | +0.5           | 2.2            | 1.5            | 1.5  |     |  |
| 1738 |     |       | 21 20                          |                |                |                | 2.4            | 3.2            | 2.3  |     |  |
| 1739 |     | 9     | 14 05                          |                |                | +8.6           |                |                | 49.5 |     |  |
| 1740 |     | 10    | 2 56                           |                |                | +0.6           | 3.8            | 3.0            | 2.4  |     |  |
| 1741 |     | 11    | 4 09                           |                |                | +0.3           | 2.5            | 2.0            | 1.3  |     |  |
| 1742 |     |       | 26                             |                |                | +0.5           | 3.2            | 2.6            | 2.5  |     |  |
| 1743 |     |       | 22 11                          |                |                | -0.1           | 2.0            | 1.6            | 0.9  |     |  |
| 1744 |     | 14    | 15 44                          |                |                | +0.1           | 10.7           | 7.5            | 1.0  | 1.0 |  |
| 1745 | 15  | 21 54 | +0.6                           | +0.2           | +1.2           | 22.5           | 12.0           | 6.5            | 2.0  |     |  |
| 1746 | 16  | 13 11 | +0.1                           | -0.5           | -3.8           | ∞              | ∞              | ∞              |      |     |  |
| 1747 |     | 18 27 |                                |                | -0.3           | 3.4            | 4.1            | 2.9            | 3.4  |     |  |
| 1748 |     | 23 00 |                                |                |                | 3.8            | 3.0            | 0.9            |      |     |  |
| 1749 | 17  | 4 56  |                                |                | +0.3           | 2.4            | 2.4            | 1.5            |      |     |  |

| 番 號  | 月 日 | 時 分 | 初 動                            |                |                | 最 大 振 幅        |                |                | p~s  | 記 事 |
|------|-----|-----|--------------------------------|----------------|----------------|----------------|----------------|----------------|------|-----|
|      |     |     | P <sub>N</sub>                 | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |      |     |
| 1750 | Ⅷ   | 17  | 6 <sup>h</sup> 32 <sup>m</sup> |                | +0.4           | 3.4            | 3.7            | 3.2            | 3.5  |     |
| 1751 |     |     | 11 29                          |                | -0.6           | 7.6            | 5.6            | 3.4            |      |     |
| 1752 |     | 19  | 3 49                           | -1.7           | -1.3           | -6.9           | 128.0          | ∞              | 63.3 | 3.2 |
| 1753 |     | 20  | 20 50                          |                |                | 2.5            | 3.0            | 0.0            |      |     |
| 1754 |     | 22  | 12 03                          |                | +0.2           | -0.3           | 18.2           | 14.2           | 12.0 |     |
| 1755 |     |     | 18 07                          | +0.4           | -0.2           | +0.6           | 30.2           | ∞              | 15.5 |     |
| 1756 |     |     | 18 30                          | -0.3           | -0.7           | +2.5           | 7.6            | 13.0           | 10.0 | 1.7 |
| 1757 |     | 24  | 7 57                           |                |                | 2.4            | 2.0            | 1.7            |      |     |
| 1758 |     | 25  | 9 30                           |                |                | -1.9           | 15.6           | 11.5           | 13.0 | 1.6 |
| 1759 |     |     | 16 56                          | +0.6           | -6.0           | -2.5           | ∞              | ∞              | 57.2 |     |
| 1760 |     |     | 20 12                          |                |                | 4.8            | 3.1            | 2.5            |      |     |
| 1761 |     | 26  | 8 20                           |                |                | 4.0            | 2.7            | 1.2            |      |     |
| 1762 |     |     | 10 32                          |                |                | 14.0           | 7.1            | 4.6            |      |     |
| 1763 |     |     | 18 48                          | -0.3           | +7.4           | -23.0          | ∞              | ∞              | ∞    |     |
| 1764 |     | 27  | 6 10                           |                |                | -0.3           | 2.9            | 7.6            | 4.8  |     |
| 1765 |     |     | 11 54                          |                |                | -0.2           | 2.7            | 3.2            | 1.9  |     |
| 1766 |     |     | 55                             |                |                | -0.5           | 1.3            | 4.0            | 1.3  |     |
| 1767 |     |     | 15 52                          |                | +10.7          | -11.0          | ∞              | ∞              | ∞    |     |
| 1768 |     | 28  | 5 31                           |                |                | -1.4           | 4.0            | 6.0            | 4.1  |     |
| 1769 |     | 29  | 3 42                           |                |                | -0.2           |                | 6.7            | 6.4  |     |
| 1770 |     |     | 40                             |                |                | 11.4           |                | 6.0            |      |     |
| 1771 |     |     | 21 58                          |                |                | 4.5            | 5.5            | 2.0            |      |     |
| 1772 |     | 31  | 9 29                           | -0.6           | +1.6           | -1.3           | ∞              | ∞              | 16.6 | 2.4 |
| 1773 |     |     | 16 32                          |                |                | -1.5           | 4.4            | 13.0           | 16.5 |     |
| 1774 | Ⅸ   | 1   | 16 24                          |                |                | -0.2           | 9.3            | 4.3            | 1.7  |     |
| 1775 |     | 3   | 11 16                          |                |                |                | 5.6            | 6.0            | 2.1  |     |
| 1776 |     | 5   | 19 18                          | +0.4           | +0.7           | -0.7           | 11.0           | 7.8            | 6.7  | 1.8 |
| 1777 |     | 7   | 0 56                           | -0.3           |                | +2.2           | 10.3           | 7.0            | 6.8  | 1.2 |
| 1778 |     |     | 2 00                           |                | +0.5           | +1.7           | 6.8            | 8.0            | 3.9  | 1.2 |
| 1779 |     | 10  | 6 20                           |                |                |                | 6.2            | 7.7            | 6.2  |     |
| 1780 |     |     | 55                             |                |                |                | 4.5            | 6.7            | 4.6  |     |
| 1781 |     | 13  | 0 12                           |                |                | -1.1           | 4.5            | 4.2            | 7.5  |     |
| 1782 |     |     | 18 35                          |                |                |                | 4.2            | 3.8            | 1.2  |     |



| 番 號  | 月 日 | 時 分 | 初 動            |                 |                | 最 大 振 幅        |                |                | p~s  | 記 事  |
|------|-----|-----|----------------|-----------------|----------------|----------------|----------------|----------------|------|------|
|      |     |     | P <sub>N</sub> | P <sub>E</sub>  | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |      |      |
| 1783 | IX  | 14  | 9 <sup>n</sup> | 26 <sup>m</sup> | +0.2           | 1.6            | 1.9            | 2.3            | 2.0  | 有 感  |
| 1784 |     |     | 19             | 00              |                | 4.1            | 2.9            | 1.2            |      |      |
| 1785 |     |     | 23             | 46              | +2.4           | ∞              | ∞              | 79.6           |      |      |
| 1786 |     | 16  | 17             | 18              |                | 10.0           | 7.5            | 1.4            |      |      |
| 1787 |     | 18  | 8              | 44              | +0.6           | 10.8           | 19.0           | 11.6           |      |      |
| 1788 |     | 19  | 2              | 02              | +0.7           | 2.6            | 2.0            | 2.1            |      |      |
| 1789 |     |     |                | 02              | +0.5           | 2.5            | 2.8            | 1.8            | 2.2  |      |
| 1790 |     | 20  | 1              | 23              | +0.3           | 6.7            | 5.2            | 3.9            |      |      |
| 1791 |     |     | 23             | 51              | -0.4           | +0.8           | -1.2           | 6.0            |      |      |
| 1792 |     | 21  | 8              | 24              |                | -0.5           | -0.4           | 2.5            |      |      |
| 1793 |     |     | 12             | 08              |                |                |                | 2.6            |      |      |
| 1794 |     | 22  | 5              | 46              |                |                |                | 2.8            |      |      |
| 1795 |     | 27  | 0              | 58              | -5.2           | -5.4           | -12.6          | ∞              | 1.6  | 有 感  |
| 1796 |     |     | 1              | 53              |                |                | -0.2           | 4.5            | 3.2  | 1.9  |
| 1797 |     |     | 17             | 18              |                |                |                | 1.7            | 1.6  | 0.6  |
| 1798 |     | 29  | 22             | 58              | -5.4           | -2.9           | -6.4           | ∞              | ∞    | ∞    |
| 1799 |     |     | 23             | 45              |                | +0.2           | -0.2           | 1.4            | 1.7  | 2.0  |
| 1800 |     | 30  | 17             | 58              |                |                | +0.1           | 1.5            | 1.4  | 1.1  |
| 1801 | X   | 2   | 18             | 16              | +0.3           | +9.3           | -0.6           | 3.1            | 4.0  | 3.0  |
| 1802 |     |     | 21             | 52              | -2.3           | -1.75          | -5.6           | ∞              | ∞    | ∞    |
| 1803 |     | 8   | 3              | 45              | +0.5           | -0.3           | -0.2           |                |      |      |
| 1804 |     |     | 8              | 39              |                | +0.25          |                | 2.0            | 6.0  | 1.8  |
| 1805 |     | 4   | 8              | 30              |                | +0.15          | +0.1           | 2.3            | 2.5  | 2.0  |
| 1806 |     |     | 12             | 06              |                |                |                | 1.3            | 1.6  | 0.7  |
| 1807 |     |     | 21             | 49              |                |                | +0.2           | 2.3            | 2.4  | 0.9  |
| 1808 |     | 5   | 1              | 38              |                |                | +0.5           | 7.0            | 8.4  | 4.0  |
| 1809 |     |     | 16             | 23              |                |                | -0.8           | 17.0           | 14.0 | 10.0 |
| 1810 |     | 6   | 17             | 40              |                |                | -0.9           | 6.2            | 4.7  | 3.0  |
| 1811 |     |     | 22             | 02              |                |                | -0.3           | 1.9            | 2.7  | 2.0  |
| 1812 |     |     |                | 12              |                |                |                | 1.0            | 2.2  | 1.2  |
| 1813 |     | 12  | 15             | 51              | -0.1           | -0.6           | -0.6           | 15.6           | 14.6 | 4.5  |
| 1814 |     | 13  | 11             | 28              |                |                | -0.1           | 2.3            | 1.8  | 1.3  |
| 1815 |     | 15  | 9              | 07              |                |                |                | 1.8            | 1.6  | 1.2  |

| 番 號  | 月 日      | 時 分     | 初 動            |                 |                | 最 大 振 幅        |                |                | p~s  | 記 事 |     |
|------|----------|---------|----------------|-----------------|----------------|----------------|----------------|----------------|------|-----|-----|
|      |          |         | P <sub>N</sub> | P <sub>E</sub>  | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |      |     |     |
| 1816 | X        | 16      | <sup>b</sup> 9 | <sup>n</sup> 31 | +0.2           | 6.5            | 4.7            | 2.8            | 2.4  |     |     |
| 1817 |          | 17      | 11 01          | -0.1            | 2.1            | 1.5            | 1.2            |                |      |     |     |
| 1818 |          | 18      | 13 02          | -0.2            | 1.8            | 2.7            | 1.6            | 1.0            |      |     |     |
| 1819 |          | 21      | 9 29           |                 | 1.8            | 2.7            | 1.6            | 1.0            |      |     |     |
| 1820 |          | 22      | 10 56          |                 | +0.2           | -0.2           | 3.1            | 2.9            | 2.9  |     | 0.8 |
| 1821 |          |         | 56             | -0.1            | +0.1           | +1.4           | 3.8            | 3.5            | 2.9  |     | 0.8 |
| 1822 |          |         | 18 47          |                 |                |                | 1.8            | 3.0            | 1.4  |     | 2.0 |
| 1823 |          | 27      | 1 34           |                 |                |                | 2.3            | 1.3            | 1.2  |     |     |
| 1824 |          | 30      | 22 33          | -0.3            | +4.9           | -2.6           | 132.7          | ∞              | 29.2 |     | 2.0 |
| 1825 |          | 31      | 18 48          |                 |                |                | 1.1            | 2.0            | 1.1  |     |     |
| 1826 | X        | 20 40   |                |                 | +0.2           | 1.8            | 2.0            | 0.9            |      |     |     |
| 1827 |          | 1 5 08  |                |                 | 1.2            | 1.9            | 0.6            |                |      |     |     |
| 1828 |          | 08      |                |                 | 1.8            | 4.2            | 1.0            |                |      |     |     |
| 1829 |          | 7 52    |                |                 | 1.9            | 2.2            | 0.8            |                |      |     |     |
| 1830 |          | 21 07   | +1.1           | +0.1            | +18.7          | ∞              |                |                |      | 有 感 |     |
| 1831 |          | 20      |                | +0.25           | -0.2           | 8.6            |                | 5.3            | 2.0  |     |     |
| 1832 |          | 4 17 56 |                |                 |                | 1.2            | 1.6            | 1.0            |      |     |     |
| 1833 |          | 5 14 10 | -0.5           | +0.4            | +0.5           | 3.7            | 9.2            | 4.8            | 2.3  |     |     |
| 1834 |          | 9 12 36 | +0.15          | +0.5            | -0.3           | 3.3            | 3.9            | 1.8            | 1.8  |     |     |
| 1835 |          | 10 2 36 | +0.8           | -0.15           | -0.6           | ∞              | ∞              | 52.0           | 4.2  |     |     |
| 1836 |          | 3 31    |                |                 | -0.1           |                |                | 1.2            |      |     |     |
| 1837 |          | 8 26    |                |                 |                | 1.4            | 1.5            | 0.6            |      |     |     |
| 1838 |          | 11 39   |                |                 |                | 2.4            | 2.4            | 1.0            |      |     |     |
| 1839 |          | 22 06   |                | +0.1            | -              | 10.3           | 11.5           | 7.4            | 3.5  |     |     |
| 1840 | 14 6 40  |         |                | +0.4            | 7.0            | 6.8            | 4.4            | 3.5            |      |     |     |
| 1841 | 19 17 59 |         |                | -0.4            | 2.5            | 2.9            | 2.1            |                |      |     |     |
| 1842 | 23 38    | +0.8    | +0.3           | +1.5            | 12.0           | 7.2            | 6.2            | 2.2            |      |     |     |
| 1843 | 20 8 02  | -0.2    | -0.9           | -5.6            | ∞              | ∞              | 43.0           | 3.5            | 有 感  |     |     |
| 1844 | 22 20 20 | +0.35   | -0.9           | -4.2            | ∞              | ∞              | 24.0           | 1.5            | 有 感  |     |     |
| 1845 | 27 2 35  | -0.3    |                | +0.3            | 8.1            | 13.0           | 4.2            | 2.9            |      |     |     |
| 1846 | XII      | 2 22 07 |                |                 | +0.2           | 2.4            | 2.5            | 1.6            |      |     |     |
| 1847 |          | 6 11 21 |                |                 | -0.7           | 3.3            | 6.1            | 4.9            |      |     |     |
| 1848 |          | 17 28   |                |                 |                | 2.8            | 2.0            | 1.5            |      |     |     |

| 番 號  | 月 日 | 時 分 | 初 動                             |                |                | 最 大 振 幅        |                |                | p~s  | 記 事 |     |
|------|-----|-----|---------------------------------|----------------|----------------|----------------|----------------|----------------|------|-----|-----|
|      |     |     | P <sub>N</sub>                  | P <sub>E</sub> | P <sub>Z</sub> | M <sub>N</sub> | M <sub>E</sub> | M <sub>Z</sub> |      |     |     |
| 1849 | XII | 7   | 16 <sup>h</sup> 38 <sup>m</sup> | -0.3           | +0.2           | -0.5           | 72.0           | 21.5           | 20.8 | 1.2 | 有 感 |
| 1850 |     | 8   | 19 25                           |                |                |                | 2.6            | 2.9            | 1.9  |     |     |
| 1851 |     |     | 23 00                           |                |                |                | 0.4            | 1.1            | 0.5  |     |     |
| 1852 |     |     | 00                              |                |                |                | 1.4            | 1.6            | 1.0  |     |     |
| 1853 |     | 9   | 17 36                           |                |                |                | 1.6            | 2.3            | 1.3  |     |     |
| 1854 |     | 12  | 2 45                            |                |                |                | 3.1            | 2.4            | 1.0  |     |     |
| 1855 |     |     | 7 53                            |                | +0.25          | -0.4           | 2.6            | 3.0            | 3.0  |     |     |
| 1856 |     |     | 8 25                            | +0.5           | +7.5           | -26.0          | ∞              | ∞              | 99.3 | 2.0 |     |
| 1857 |     | 13  | 3 26                            |                |                | +0.3           | 14.7           | 9.0            | 3.2  | 1.8 |     |
| 1858 |     |     | 13 11                           |                |                |                | 2.4            | 2.1            | 0.7  |     |     |
| 1859 |     | 15  | 5 48                            |                |                |                | 1.6            | 2.2            | 1.4  |     |     |
| 1860 |     |     | 6 56                            |                |                |                | 1.4            | 1.9            | 0.9  |     |     |
| 1861 |     |     | 7 23                            |                |                | -0.1           | 1.7            | 3.6            | 1.6  |     |     |
| 1862 |     |     | 51                              | -0.4           |                | -0.6           | 23.0           | 35.0           | 9.5  | 2.2 |     |
| 1863 |     | 16  | 15 13                           |                |                |                | 0.9            | 1.5            | 0.7  |     |     |
| 1864 |     | 17  | 0 04                            |                |                |                | 1.2            | 1.3            | 0.9  |     |     |
| 1865 |     |     | 4 26                            |                |                |                | 1.2            | 3.3            | 1.3  |     |     |
| 1866 |     |     | 22 32                           | -0.3           |                | -0.45          | 12.5           | 30.0           | 7.6  | 2.0 |     |
| 1867 |     | 18  | 14 19                           |                |                |                | 1.6            | 2.0            | 1.7  |     |     |
| 1868 |     |     | 19 24                           |                |                |                | 2.3            | 4.6            | 3.6  |     |     |
| 1869 |     | 20  | 17 34                           |                |                |                | 2.2            | 1.6            | 1.4  |     |     |
| 1870 |     | 21  | 8 19                            |                |                |                | 2.0            | 1.7            | 0.9  |     |     |
| 1871 |     |     | 18 10                           |                |                |                | 1.9            | 2.3            | 1.2  | 4.0 |     |
| 1872 |     | 22  | 13 16                           |                |                | -0.2           | 5.1            | 3.7            | 2.4  | 2.8 |     |
| 1873 |     | 23  | 23 47                           |                | +0.4           | +0.15          | 3.7            | 3.0            | 2.6  | 2.0 |     |
| 1874 |     | 28  | 12 17                           |                |                |                | 3.5            | 3.1            | 1.1  |     |     |